Uta
stansburiana

Uta stansburiana

No. 8-43 Date 11/59

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		63 207.9	22 - 72.6
2		74 244.2	15 49.5
3		75 247.5	11 36.3
4		66 217.8	18 59.4
5		63 207.9	15 49.5
6		74 244.2	15 49.5
7		64 211.2	15 49.5
8		82 270.6	16 52.8
9		61 201.3	12 39.6
10		62 204.6	12 39.6
T		2257.2	498.3
$\bar{x}$		225.7	49.8

Sertoli Cells: seen

Remarks:

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No. 8-45 Date 11/59

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		57 - 168.3	11 - 36.3
2		50 165.0	19 62.7
3		45 148.5	13 42.9
4		38 125.4	13 42.9
5		49 161.7	19 62.7
6			
7			
8			
9			
10			
T		768.9	247.5
$\bar{x}$		153.8	49.5

Sertoli Cells: seen

Remarks: small piece

No. _____ Date _____

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: _____

Remarks: _____

No. S-47 Date 10/59

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		59 - 194.7	20 - 66.0
2		69 227.7	12 39.6
3		77 254.1	19 62.7
4		61 201.3	16 52.8
5		54 178.2	15 49.5
6		53 174.9	12 39.6
7		54 178.2	9 29.7
8		65 214.5	14 52.8
9		77 254.1	18 59.4
10		77 254.1	17 56.1
T		2131.8	508.2
$\bar{x}$		213.2	50.8

Sertoli Cells: seen

Remarks:

No. _____ Date _____

Spermatogenic Condition _____

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
$\bar{x}$		

Sertoli Cells: _____

Remarks: _____

8-48 Date 10/59

Spermatogenic Condition 7 (0)

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		50 - 165.0	9 - 29.7
2		52 184.8	8 26.4
3		42 138.6	9 29.7
4		51 168.3	7 23.1
5		52 171.6	13 42.9
6			
7			
8			
9			
10			
T		928.3	151.8
$\bar{x}$		165.7	30.4

Sertoli Cells: seen

Remarks: tubules appear to be degenerating

recorded as ~~juvenile~~ immature

No. 8-51 Date 8/10/59

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		48 - 158.4	10 - 33.0
2		59 194.7	15 49.5
3		58 191.4	11 36.3
4		43 141.9	9 29.7
5		50 165.0	12 39.6
6			
7			
8			
9			
10			
T		251.4	185.1
$\bar{x}$		170.3	37.6

Sertoli Cells: Seen

Remarks: small piece

E = 26.4/11 (2)

No. 8453 Date 11/59

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		49 - 62.7	
2		25 82.5	
3		20 66.0	
4		24 79.2	
5		23 75.9	
6		20 66.0	
7		23 75.9	
8			
9			
10			
T		708.2	
$\bar{x}$		72.4	

Sertoli Cells: seen

Remarks: sperm development in seminiferous tubules - no lumen

No. 8-54 Date 1/59

Spermatogenic Condition 6 (mostly 5)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	51	168.3	12	39.6
2	50	165.0	11	36.3
3	49	161.7	11	36.3
4	42	138.6	11	36.3
5	61	201.3	12	39.6
6	51	168.3	11	36.3
7	50	165.0	13	42.9
8	38	125.4	9	29.7
9	40	132.0	12	39.6
10	47	155.1	14	46.2
T	1580.7		382.8	
$\bar{x}$	158.1		38.3	

Sertoli Cells: Alan

Remarks:

E = 23.1 μ

(3)

No. 8-56 Date 4/59

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		57 - 188.1	12 - 39.6
2		47 155.1	15 49.5
3		50 165.0	16 52.8
4		48 158.4	15 49.5
5		43 141.9	14 46.2
6		56 184.8	15 49.5
7		49 161.7	16 52.8
8		51 168.3	15 49.5
9		37 122.1	11 36.3
10		45 148.5	15 49.5
T		1593.9	475.2
$\bar{x}$		159.4	47.5

Sertoli Cells: Rare

Remarks:

E = 26.4/4

(2)

No. 8-57 Date 6/5/57

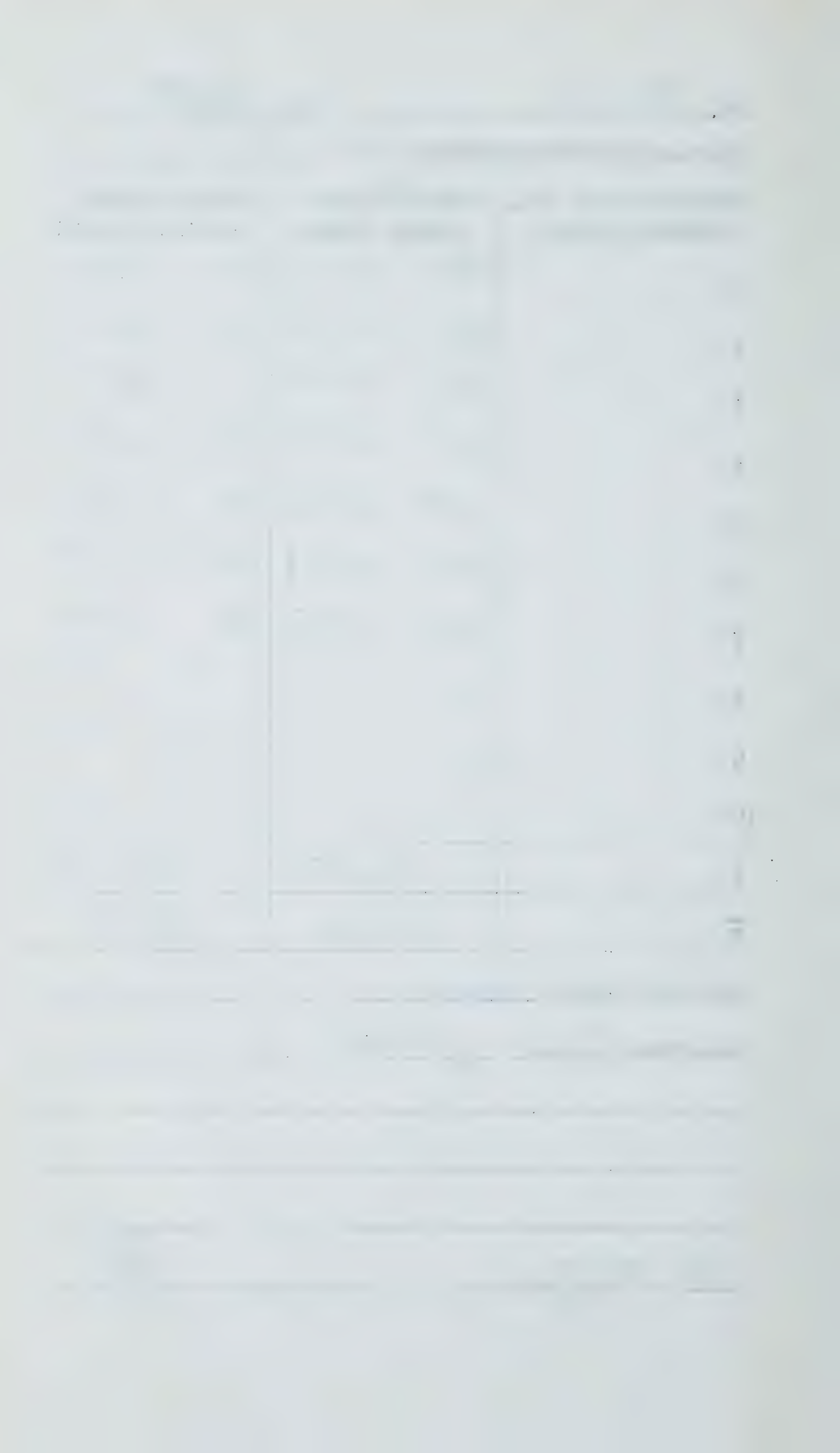
Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		40 - 132.0	12 - 39.6
2		48 158.4	7 23.1
3		56 184.8	9 29.7
4		55 181.5	9 29.7
5		34 112.2	12 39.6
6		37 122.1	10 33.0
7		53 174.9	10 33.0
8			
9			
10			
T		1065.9	227.7
$\bar{x}$		152.3	32.5

Sertoli Cells: seen

Remarks: testes folded

E = 330μ (2)



No. S-5.8 Date 6/59

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		52 - 171.6	11 - 36.3
2		41 135.3	9 29.7
3		62 204.6	15 49.5
4		53 174.9	12 39.6
5		59 194.7	16 52.8
6		52 171.6	11 36.3
7		51 168.3	10 33.0
8		56 184.8	10 33.0
9		49 161.7	13 42.9
10		58 191.4	18 59.4
T		1758.9	412.5
$\bar{x}$		175.9	41.2

Sertoli Cells: seen

Remarks:

E = 19.8 μ (2)

No. 8-59 Date 4/5/59

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		22 – 72.6	
2		31 102.3	
3		27 89.1	
4		22 72.6	
5		24 79.2	
6		31 102.3	
7		34 112.2	
8		23 75.9	
9		22 72.6	
10		30 99.0	
T		877.8	
$\bar{x}$		87.8	

Sertoli Cells: seen

Remarks: degenerating sperm + gunk centrally

No. 8-60 Date V/59

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	36 - 118.8	6 - 19.8
2	40 132.0	7 23.1
3	34 112.2	7 23.1
4	36 118.8	5 16.5
5	46 151.8	9 29.7
6	40 132.0	8 26.4
7	36 118.8	10 33.0
8	38 125.4	7 23.1
9	48 158.4	8 26.4
10	44 145.2	8 26.4
T	1,313.4	247.5
$\bar{x}$	131.3	24.8

Sertoli Cells: seen

Remarks:

E=19.8 (2)

No. 8-61 Date V/59

Spermatogenic Condition 2

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (D)	Seminiferous epith. height
1		25 - 82.5	
2		33 108.9	
3		27 89.1	
4		29 95.7	
5			
6			
7			
8			
9			
10			
T		376.2	
$\bar{x}$		94.0	

Sertoli Cells: seen

Remarks: small piece

E = 16.5 μ (1)

No. 8-64 Date 4/59

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		22 - 72.6	
2		21 69.3	
3		23 75.9	
4		24 79.2	
5		26 85.8	
6		21 69.3	
7		20 66.0	
8		30 99.0	
9		23 75.9	
10		26 85.8	
T		718.8	
$\bar{x}$		77.9	

Sertoli Cells: Seen

Remarks:

E = 16.5 μ (2)

No. 8-65 Date 4/59

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		36 - 118.8	
2		29 95.7	
3		27 89.1	
4		20 66.0	
5		23 75.9	
6		19 62.7	
7		24 79.2	
8		23 75.9	
9		27 89.1	
10		28 92.4	
T		744.8	
$\bar{x}$		74.5	

Sertoli Cells: clear

Remarks:

No. 8-67 Date V/59

Spermatogenic Condition 6

(2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	43	141.9	10	33.0
2	50	165.0	13	42.9
3	39	128.7	12	39.6
4	48	158.4	13	42.9
5	55	181.5	15	49.5
6	45	148.5	15	49.5
7	52	171.6	12	39.6
8	49	161.7	13	42.9
9	39	128.7	10	33.0
10	51	168.3	10	33.0
T		1554.3		405.9
$\bar{x}$		155.4		40.6

Sertoli Cells: seen

Remarks:

No. 8-70 Date VI/59

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		54 - 175.2	12 - 39.6
2		47 155.1	15 49.5
3		52 171.6	14 46.2
4		48 158.4	11 36.3
5		57 188.1	14 46.2
6		55 181.5	10 33.0
7		40 132.0	14 46.2
8		60 198.0	10 33.0
9		56 184.8	12 39.6
10		43 141.9	14 46.2
T		1689.6	415.8
$\bar{x}$		169.0	41.6

Sertoli Cells: Seen

Remarks:

No. 8-71 Date 11/59

Spermatogenic Condition 6

	(3) Interstitial Cell nuclear diam.		(2) Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	52	171.6	15	49.5
2	3	6.3	43	141.9	15	49.5
3			56	184.8	21	69.3
4			47	155.1	18	59.4
5			46	151.8	13	42.9
6			53	174.9	14	46.2
7			50	165.0	22	72.6
8			48	158.4	18	59.4
9			47	155.1	13	42.9
10			61	201.3	15	49.5
T				1,692.9		541.2
$\bar{x}$	6	3		169.3		54.1

Sertoli Cells: none

Remarks: interstitial cells have more granular cytoplasm than those of the ova, a little smaller

No. 2-72 Date 11/5-9

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		55 - 181.5	12 - 39.6
2		57 188.1	14 46.2
3		43 141.9	11 36.3
4		48 158.4	8 26.4
5		59 194.7	10 33.0
6		49 161.7	13 42.9
7		47 155.1	10 33.0
8		47 155.1	12 39.6
9			
10			
T		1356.5	297.0
$\bar{x}$		167.1	37.1

Sertoli Cells: seen

Remarks: small piece

No. 8-23 Date 4/6/59

Spermatogenic Condition ?

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	53	174.9	8 — 26.4
2	51	168.3	9 29.7
3	44	145.2	7 23.1
4	45	148.5	9 29.7
5	43	141.9	8 26.4
6	38	125.4	10 33.0
7	43	141.9	6 19.8
8	45	148.5	16 52.8
9	47	155.1	15 49.5
10	46	151.8	12 39.6
T		1501.5	330.0
$\bar{x}$		150.2	33.0

Sertoli Cells: Obscure

Remarks:

E = 19.8 μ

No. 8-24 Date VII/59

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	32	105.6	12	39.6
2	34	112.2	13	42.9
3	31	102.3	8	26.4
4	23	75.9	7	29.7
5	31	102.3	10	33.0
6	34	112.2	12	39.6
7	27	89.1	11	36.3
8				
9				
10				
T	699.6		247.5	
$\bar{x}$	99.9		35.4	

Sertoli Cells: seen

Remarks: almost stage 8; small tests

E = 29.7 μ

(2)

No. 8-75 Date 4/III/59

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		23 - 75.9	5 - 16.0
2		20 66.0	5 16.5
3		25 82.5	3 9.9
4		22 72.6	5 16.5
5		22 72.6	4 13.2
6		24 79.2	5 16.5
7		26 85.8	4 13.2
8			
9			
10			
T		534.6	102.3
$\bar{x}$		76.4	14.6

Sertoli Cells: [illegible]

Remarks: testis quite small

$\bar{x}$ = 19.8 μ

No. 8-76 Date 11/6/59

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		125.4	23.1
2		112.2	23.1
3		138.6	46.2
4		132.0	33.0
5		115.5	29.7
6		108.9	33.0
7		112.2	33.0
8		108.9	23.1
9		112.2	33.0
10		112.2	26.4
T		1191.3	303.6
$\bar{x}$		119.1	30.4

Sertoli Cells: seen

Remarks:

No. 8-50 Date 6/11/59

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		23 - 25.9	
2		26 85.8	
3		21 69.1	
4		22 72.4	
5		30 99.0	
6		29 95.7	
7		27 89.1	
8		22 72.6	
9		23 75.9	
10		24 79.2	
T		834.9	
$\bar{x}$		83.5	

Sertoli Cells: none

Remarks:

E = 13.2 μ

No. 8-8.1 Date 12/11/59

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		23	75.9
2		21	69.3
3		26	85.8
4		22	72.6
5		19	62.7
6		19	62.7
7		19	62.7
8		22	72.6
9		23	75.9
10		20	66.0
T		706.2	
$\bar{x}$		70.6	

Sertoli Cells: Rare

Remarks:

No. 8-83 Date [illegible]/59

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	14 - 46.2	
2	20 66.0	
3	17 56.1	
4	15 49.5	
5	15 49.5	
6	16 52.8	
7	15 49.5	
8	20 66.0	
9	14 46.2	
10	25 82.5	
T	564.3	
$\bar{x}$	56.4	

Sertoli Cells: [illegible]

Remarks:

No. 8-84 Date 11/11/59

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (7)	Seminiferous epith. height
1	29 - 95.7	
2	22 72.6	
3	22 72.6	
4	20 66.0	
5	20 66.0	
6	19 62.7	
7	24 79.2	
8	25 82.5	
9	20 66.0	
10	24 79.2	
T	742.5	
$\bar{x}$	74.2	

Sertoli Cells: seen

Remarks:

No. 8-85 Date VIII/59

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells:

Remarks: no testis

No. 8-86 Date VIII/59

Spermatogenic Condition 8 (2)

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		22 - 72.6	
2		23 75.9	
3		23 75.9	
4		20 66.0	
5		18 59.9	
6		23 75.9	
7		22 72.6	
8		21 69.3	
9		23 75.9	
10		24 79.2	
T		722.7	
$\bar{x}$		72.3	

Sertoli Cells: Few

Remarks:

No. 8-37 Date: 4/5-7

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: _____

Remarks: in testis

No. 8-89 Date IX/59

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		26 - 80.8	
2		21 69.3	
3		32 105.6	
4		30 79.0	
5		27 89.1	
6		25 82.5	
7		31 102.3	
8		28 92.4	
9		32 105.6	
10		32 105.4	
T		937.2	
$\bar{x}$		93.7	

Sertoli Cells: seen

Remarks:

No. 8-90 Date 1X/59

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		20 - 66.0	
2		20 66.0	
3		18 59.4	
4		25 82.5	
5		20 66.0	
6		20 66.0	
7		24 79.2	
8		21 69.3	
9		18 59.4	
10		20 66.0	
T		679.5	
$\bar{x}$		68.0	

Sertoli Cells: Rare

Remarks:

No. 8-91 Date 11/59

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	26 - 85.8	
2	21 69.3	
3	28 92.4	
4	26 85.8	
5	21 69.3	
6	20 66.0	
7	25 82.5	
8	21 69.3	
9	27 89.1	
10	25 82.5	
T	792.0	
$\bar{x}$	79.2	

Sertoli Cells: seen

Remarks: large associated gland

No. 8-12 Date 12/5/79

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		22 72.6	
2		22 72.6	
3		19 62.7	
4		20 66.0	
5		22 72.6	
6		21 69.3	
7		22 72.6	
8		18 59.4	
9		20 66.0	
10		19 62.7	
T		676.5	
$\bar{x}$		67.6	

Sertoli Cells: seen

Remarks:

No. 8-94 Date 1x/59

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		12 - 59.4	
2		14 96.2	
3		17 52.1	
4		15 49.5	
5		17 52.1	
6		17 52.1	
7		14 46.2	
8		17 52.1	
9		15 49.5	
10		16 52.8	
T		528.0	
$\bar{x}$		52.8	

Sertoli Cells: poor

Remarks:

No. 8-95 Date IX/59

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		17 - 56.1	
2		20 66.0	
3		23 75.9	
4		19 62.7	
5		23 75.9	
6		18 59.4	
7		18 59.4	
8		18 59.4	
9		20 66.0	
10		20 66.0	
T		646.8	
$\bar{x}$		64.7	

Sertoli Cells: seen

Remarks:

No. 8-96 Date 9 18/59

Spermatogenic Condition 9

(2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	20 - 66.0	
2	20 66.0	
3	21 69.3	
4	18 59.4	
5	16 52.8	
6	18 59.4	
7	20 66.0	
8	21 69.3	
9	20 66.0	
10	21 69.3	
T	643.5	
$\bar{x}$	64.4	

Sertoli Cells: seen

Remarks:

No. 8-97 Date 6/5 9

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells:

Remarks: no testis

No. 8-98 Date 1X/59

Spermatogenic Condition 2

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	20 - 66.0	
2	19 62.7	
3	17 56.1	
4	21 69.3	
5	18 59.4	
6	19 62.7	
7	20 66.0	
8	19 62.7	
9	15 49.5	
10	23 75.9	
T	630.3	
$\bar{x}$	63.0	

Sertoli Cells: Seen

Remarks:

No. S-101 Date 12/57

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		33 - 108.9	11 - 36.3
2		35 115.5	10 33.0
3		38 125.4	11 36.3
4		38 125.4	10 33.0
5		36 118.8	8 26.4
6		37 122.1	11 36.3
7		39 128.7	10 33.0
8		41 135.3	10 33.0
9		34 112.2	7 23.1
10		34 112.2	11 36.3
T		1204.5	326.7
$\bar{x}$		120.4	32.7

Sertoli Cells: none

Remarks: _____

No. 8-102 Date 4/59

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		28	12.4
2		30	99.0
3		26	85.8
4		24	19.2
5		26	85.8
6		26	85.8
7		30	99.0
8		33	108.9
9		30	99.0
10		33	108.9
T		943.8	
$\bar{x}$		94.4	

Sertoli Cells: okay

Remarks:

No. 8-105 Date 4/6 0

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	6.5	214.5	20 66.0
2	6.1	201.3	15 49.5
3	5.8	191.4	10 33.0
4	5.4	178.2	15 49.5
5	6.1	201.3	12 39.6
6	6.0	198.0	9 29.7
7	5.5	181.5	13 42.9
8	4.8	158.4	6 19.8
9	4.5	148.5	8 26.4
10	4.7	155.1	13 42.9
T		1828.2	299.3
$\bar{x}$		182.8	39.9

Sertoli Cells: Seen

Remarks:

E = 26.4 μ

No. 8-107 Date 4/1/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	75	247.5	20	66.0
2	3	6.3	75	247.5	16	52.8
3	3	6.3	72	237.6	18	59.4
4			62	204.6	8	26.4
5			70	231.0	17	56.1
6			58	191.4	18	59.4
7			67	221.1	13	42.9
8			71	234.3	21	69.3
9			70	231.0	17	56.1
10			65	214.5	12	39.6
T			680.5	2246.5	160.0	528.0
$\bar{x}$	6.3		226.0		52.8	

Sertoli Cells: Seen

Remarks:

No. 8-109 Date 11/60

Spermatogenic Condition (2) (3) (2)

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	5	6.3	53	134.9	7	29.7
2	3	6.3	58	191.4	15	49.5
3	3	6.3	66	217.8	15	49.5
			76	250.8	19	62.7
4			70	231.0	11	36.3
5			57	188.1	15	49.5
6			63	207.9	11	36.3
7			58	191.4	14	46.2
8			64	211.2	16	52.8
9			69	227.7	11	36.3
10						
T			2092.2		448.8	
$\bar{x}$	6.3		209.2		44.9	

Sertoli Cells: seen

Remarks:

No. 8-111 Date 1/16/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	76	250.8	15	49.5
2	5	6.3	63	207.9	13	42.9
3			65	207.9	11	36.3
4			69	227.7	13	42.9
5			68	224.4	12	39.6
6			62	214.5	18	59.4
7			60	198.0	17	56.1
8			68	224.4	14	46.2
9			76	250.8	14	46.2
10			61	201.3	20	66.0
T				2207.7		485.1
$\bar{x}$		6.3		220.8		48.5

Sertoli Cells: Seen

Remarks:

No. 8-112 Date 11/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	2	4.2	84	277.2	19	62.7
2	3	6.3	87	287.1	13	42.9
3	2	4.2	65	214.5	16	52.8
4			48	158.4	16	52.8
5			65	214.5	17	56.1
6			75	247.5	16	52.8
7			61	201.3	15	49.5
8			63	207.9	12	39.6
9			67	221.1	17	56.1
10			56	184.8	12	39.6
T	14.7		2214.3		504.9	
$\bar{x}$	4.9		221.4		50.5	

Sertoli Cells: seen

Remarks:

No. S-113 Date 11/6/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	64	211.2	19	62.7
2	2	4.2	67	221.1	16	52.8
3	3	6.3	70	231.0	15	49.5
4			66	217.8	25	82.5
5			60	198.0	12	39.6
6			70	231.0	11	36.3
7			80	264.0	22	72.6
8			75	247.5	12	39.6
9			77	254.1	13	42.9
10			69	227.7	18	59.4
T	16.8		2003.4		537.9	
$\bar{x}$	5.6		230.3		53.8	

Sertoli Cells: seen

Remarks: spermatogonia rapidly dividing, many 2° spermatocytes

No. 8-11-1 Date 4/1/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		277 - 254.1	13 - 42.9
2		74 244.2	14 46.2
3		90 297.0	15 49.5
4		77 254.1	15 49.5
5		70 231.0	17 56.1
6		69 227.7	22 72.6
7		71 234.3	15 49.5
8		86 283.8	24 79.2
9		84 277.2	12 39.6
10		77 254.1	15 49.5
T		2557.5	334.4
$\bar{x}$		255.8	33.5

Sertoli Cells: see

Remarks: much lumen

No. 8-115 Date 4/1/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	67	221.1	15	49.5
2	53	174.9	8	26.4
3	57	188.1	10	33.0
4	60	198.0	15	49.5
5	49	161.7	18	59.4
6	55	181.5	11	36.3
7	70	231.0	15	49.5
8	53	174.9	15	49.5
9	54	178.2	13	42.9
10	55	181.5	11	36.3
T	1890.9		432.3	
$\bar{x}$	189.1		43.2	

Sertoli Cells: [illegible]

Remarks:

E = 33.0 μ

No. SF-116 Date 1/61/60

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: _____

Remarks: very small piece of testis

E= 330 μ

No. 8-11.8 Date 11/6/60

Spermatogenic Condition (3)

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	6.9	227.7	15 - 49.5
2	9.5	313.5	21 69.3
3	6.7	221.1	21 69.3
4	5.0	165.0	15 49.5
5	5.3	174.9	20 66.0
6	5.3	174.9	19 62.7
7	5.8	191.4	14 46.2
8	6.2	204.6	15 49.5
9	4.6	151.8	16 52.8
10	5.4	178.2	15 49.5
T		2003.1	564.3
$\bar{x}$		200.3	56.4

Sertoli Cells: Normal

Remarks:

E = 29.7 μ (3)

No. 6-120 Date 11/6/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		45 148.5	11 36.3
2		43 174.9	10 33.0
3		54 178.2	10 33.0
4		61 201.3	15 49.5
5		62 204.6	10 33.0
6		63 207.9	10 33.0
7		61 201.3	9 29.7
8		58 191.4	16 52.8
9		64 211.2	14 46.2
10		67 221.1	14 46.2
T		1940.4	392.7
$\bar{x}$		194.0	39.3

Sertoli Cells: seen

Remarks:

EC 16.4%

No. 8-121 Date 11/6/60

Spermatogenic Condition 6-7

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	53	174.9	17	56.1
2	3	6.3	53	181.5	17	56.1
3			71	234.3	11	36.3
4			52	171.8	10	33.0
5			62	204.6	9	29.7
6			54	178.2	13	42.9
7			63	207.9	10	33.0
8			51	168.3	18	59.4
9			52	171.8	15	49.5
10			51	168.3	10	33.0
T			1887.6		429.0	
$\bar{x}$	6.3		188.8		42.9	

Sertoli Cells: [illegible]

Remarks:

E = 16.5 μ

No. 8-125 Date 11/6/60

Spermatogenic Condition ~~Description~~ 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	47	155.1	11	36.3
2	3	6.3	55	181.5	10	33.0
3			59	194.7	15	49.5
4			60	198.0	15	49.5
5			53	174.9	17	56.1
6			51	168.3	12	39.6
7			57	168.3	18	59.4
8			54	178.2	16	52.8
9			53	174.9	17	56.1
10			48	158.4	17	56.1
T				1752.3		488.4
$\bar{x}$		6.3		175.2		48.8

Sertoli Cells: none

Remarks: Lots of cell divisions

No. S-128 Date 1/6/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	58	165.0	10 · 33.0
2	61	201.3	13 42.9
3	59	194.7	12 39.6
4	57	188.1	13 42.9
5	68	224.4	10 33.0
6	48	158.4	14 46.2
7	51	168.3	10 33.0
8	68	224.4	12 39.6
9	57	188.1	12 39.6
10	59	194.7	14 46.2
T		1907.4	396.0
$\bar{x}$		190.7	39.6

Sertoli Cells: none

Remarks:

S-128

No. 8-129 Date 11/6/60

Spermatogenic Condition 6 7

	(3) Interstitial Cell nuclear diam.		(2) Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	66	217.8	12	34.6
2	3	6.3	56	184.8	16	52.8
3			68	224.4	11	36.3
4			67	221.1	17	56.1
5			59	194.7	17	56.1
6			54	178.2	14	46.2
7			62	204.6	20	66.0
8			52	171.6	12	39.6
9			60	198.0	17	56.1
10			59	194.7	15	49.5
T			1989.9		498.3	
$\bar{x}$	6.3		199.0		49.8	

Sertoli Cells: seen

Remarks: lumina filled w/ aborted cells

No. S-130 Date 2/4/60

Spermatogenic Condition (2) 2

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		65 - 214.5	15 - 49.5
2		62 204.6	14 46.2
3		70 231.0	11 36.3
4		67 221.1	20 66.0
5		72 237.6	12 39.6
6		70 231.0	16 52.8
7		64 211.2	12 39.6
8		70 231.0	22 72.6
9		75 247.5	22 72.6
10		66 217.8	13 42.9
T		2247.3	518.1
$\bar{x}$		224.7	51.8

Sertoli Cells: none

Remarks:

F-330 (3)

No. 8-132 Date 1/11/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	54	178.2	15	49.5
2	55	181.5	13	42.9
3	64	211.2	18	59.4
4	54	178.2	11	36.3
5	68	224.4	25	82.5
6	56	184.8	13	42.9
7	80	264.0	17	52.1
8	63	201.9	11	36.3
9	41	135.3	14	46.2
10	40	132.0	15	49.5
T	1897.5		501.6	
$\bar{x}$	189.8		50.2	

Sertoli Cells: seen

Remarks:

No. 8-133 Date 11/60

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	65	214.5	10 - 33.0
2	72	237.6	11 36.3
3	69	227.7	10 33.0
4	73	240.9	13 42.9
5	73	240.9	12 39.6
6	67	221.1	17 56.1
7	62	204.6	11 36.3
8	78	257.4	13 42.9
9	77	254.1	10 33.0
10	61	201.3	14 46.2
T		2300.1	99.3
$\bar{x}$		230.0	39.9

Sertoli Cells: seen

Remarks: Tubules separating

E = 29.7 μ

No. 8-135 Date 4/6/60

Spermatogenic Condition Condition 7

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	57	188.1	13	42.9
2	3	6.3	61	201.3	6	19.8
3	3	6.3	63	207.9	20	66.0
4			70	231.0	12	39.6
5			68	224.4	14	46.2
6			58	191.4	15	49.5
7			64	211.2	10	33.0
8			80	264.0	13	42.9
9			86	283.8	17	56.1
10			63	207.9	22	72.6
T			2311.0		467.8	
$\bar{x}$	6.3		231.1		46.8	

Sertoli Cells: Clear

Remarks:

No. 8-136 Date 11600

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells:

Remarks: Tubule structure disorganized, lots of division

No. 8-138 Date 10/60

Spermatogenic Condition [illegible]

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	53	174.9	13	42.9
2	3	6.3	70	231.0	16	52.8
3	3	6.3	62	204.6	15	49.5
			53	174.9	14	46.2
4			60	198.0	9	29.7
5			57	188.1	11	36.3
6			62	204.6	11	36.3
7			56	184.8	11	36.3
8			50	165.0	10	33.0
9			58	191.4	14	46.2
10						
T			1973		409.2	
$\bar{x}$	6.3		191.7		40.9	

Sertoli Cells: seen

Remarks:

No. 8-140 Date 12/6/60

Spermatogenic Condition ~~description~~

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	63 - 207.9		10	33.0
2	3	6.3	67	221.1	14	46.2
3			54	178.2	11	36.3
4			79	260.7	21	69.3
5			67	221.1	14	46.2
6			67	221.1	9	29.7
7			69	227.7	9	29.7
8			86	283.8	22	72.6
9						
10			67	221.1	15	49.5
T			2042.7		412.5	
$\bar{x}$	6.3		227.0		45.8	

Sertoli Cells: clear

Remarks:

No. 8-141 Date 14/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	2	4.2	42	138.6	12	39.6
2	2	4.2	61	201.3	15	49.5
3	3	6.3	55	181.5	13	42.9
4			54	178.2	13	42.9
5			63	207.9	12	39.6
6			59	194.7	16	52.8
7			37	122.1	11	36.3
8			50	165.0	9	29.7
9			46	151.8	11	36.3
10			61	201.3	15	49.5
T	14.7		1242.4		419.1	
$\bar{x}$	4.9		174.2		41.9	

Sertoli Cells: seen

Remarks: tubules separating

No. 8-142 Date 14/6.0

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells:

Remarks: testis sectioned

(3)

No. 8-143 Date 14/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	66	217.8	14	46.2
2	3	6.3	76	250.8	16	52.8
3	3	6.3	68	224.4	10	33.0
4			61	201.3	15	49.5
5			50	165.0	12	39.6
6			64	211.2	17	56.1
7			65	214.5	21	69.3
8			74	244.2	20	66.0
9			66	217.8	16	52.8
10			57	188.1	17	56.1
T			2135.1		521.4	
$\bar{x}$	6.3		213.5		52.1	

Sertoli Cells: [illegible]

Remarks:

E = 23.1 μ (2)

No. S-144 Date 11/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	53	273.9	20	66.0
2	5	6.3	81	261.3	23	75.9
3			88	290.4	16	52.8
4			106	349.8	16	52.8
5			86	283.8	13	42.9
6			100	330.0	24	79.2
7						
8						
9						
10						
T			1795.2		369.6	
$\bar{x}$		6.3	299.2		61.6	

Sertoli Cells: Few

Remarks:

No. 8-145 Date 10/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	166	217.8	18	59.4
2	3	6.3	153	207.9	15	49.5
3	3	6.3	151	201.3	20	66.0
4			147	155.1	13	42.9
5			152	111.4	12	39.6
6			162	221.1	11	36.3
7			149	161.7	10	33.0
8			142	153.1	13	42.9
9			157	168.3	9	29.7
10			138	191.4	15	49.5
T				1851.3		448.8
$\bar{x}$		6.3		185.1		44.9

Sertoli Cells: seen

Remarks:

No. 8-146 Date 4/6/60

Spermatogenic Condition

	Interstitial Cell nuclear diam. (1)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	85	280.5	20	66.0
2	3	6.3	76	250.8	14	46.2
3			68	224	21	69.3
4			76	250.8	15	49.5
5						
6						
7						
8						
9						
10						
T			1006.5		231.0	
$\bar{x}$	6.3		251.6		57.8	

Sertoli Cells: Near

Remarks:

E = 36.3 μ (3)

No. 8-147 Date 10/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	44	145.2	10	33.0
2	3	6.3	64	211.2	10	33.0
3	3	6.3	54	178.2	10	33.0
4			56	184.8	12	39.6
5			63	207.9	11	36.3
6			50	165.0	10	33.0
7			61	201.3	11	36.3
8			55	181.5	12	39.6
9			63	207.9	12	39.6
10			60	198.0	8	26.4
T			1881.0		349.8	
$\bar{x}$	6.3		188.1		35.0	

Sertoli Cells: seen

Remarks: Tubules separating, spermatogenic dividing

No. 8-150 Date 14c/60

Spermatogenic Condition [illegible]

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height (6)	
1	3	6.3	48 -	158.4	10 -	33.0
2	2	4.2	68	224.4	10	33.0
3	2	4.2	68	224.4	17	56.1
4			63	207.9	14	46.2
5			61	201.3	13	42.9
6			76	250.8	12	39.6
7			68	224.4	10	33.0
8			55	181.5	18	59.4
9			76	250.8	14	46.2
10			64	211.2	18	59.4
T		14.1		2135.1		448.8
$\bar{x}$		4.9		213.5		44.9

Sertoli Cells: Seen

Remarks:

No. 8-151 Date 14/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	51	168.3	13	42.9
2	3	6.3	53	174.9	13	42.9
3			61	201.3	10	33.0
4			77	254.1	13	42.9
5			57	188.1	11	36.3
6			64	211.2	14	46.2
7			63	207.9	17	56.1
8			65	214.5	8	26.4
9			69	227.7	12	39.6
10			65	214.5	13	42.9
T				2062.5		409.2
$\bar{x}$		6.3		206.2		40.9

Sertoli Cells: clear

Remarks: tubules separating

No. 8152 Date 14/6 0

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		67 - 221.1	15 - 49.5
2		71 234.3	17 56.1
3		49 161.7	11 36.3
4		84 277.2	13 42.9
5		41 135.3	13 42.9
6			
7			
8			
9			
10			
T		1029.6	227.7
$\bar{x}$		205.9	45.5

Sertoli Cells: seen

Remarks: a small piece of tissue

E= 53.0 μ

No. 8-153 Date 10/60

Spermatogenic Condition 6

	(3) Interstitial Cell nuclear diam.		(2) Seminiferous tubule diam.		Seminiferous epith. height	
1	3	9.9	56	184.8	12	39.6
2	4	13.2	63	207.9	16	52.8
3	3	9.9	69	227.7	14	46.2
4	5	16.5	75	247.5	15	49.5
5			61	201.3	11	36.3
6			69	227.7	18	59.4
7			80	264.0	15	49.5
8			55	181.5	14	46.2
9			56	184.8	13	42.9
10			58	191.4	19	62.7
T	49.5		2118.6		485.1	
$\bar{x}$	12.4		211.9		48.5	

Sertoli Cells: seen

Remarks:

E = 29.7 μ (3)

No. 8-15.5 Date 11/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	3 6.39	76 - 250.8	9 - 29.7
2	3 6.39	71 234.3	18 59.4
3	3 6.39	62 204.6	13 42.9
4		60 198.0	15 49.5
5		61 201.3	16 52.8
6		62 204.6	14 46.2
7		54 178.2	12 39.6
8		64 211.2	15 49.5
9		71 234.3	14 46.2
10		46 151.8	16 52.8
T		2069.1	468.6
$\bar{x}$	6.3	206.9	46.9

Sertoli Cells: seen

Remarks: [illegible] cycles dividing

No. 8-154 Date 11/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		53 - 174.9	9 29.7
2		49 161.7	12 39.6
3		58 191.4	13 42.9
4		60 198.0	9 29.7
5		46 151.8	8 26.4
6		55 181.5	15 49.5
7		51 168.3	8 26.4
8		70 231.0	8 26.4
9		62 204.6	15 49.5
10		58 191.4	14 46.2
T		1854.6	366.3
$\bar{x}$		185.5	36.6

Sertoli Cells: Seen

Remarks:

No. 8-158 Date 14/6 0

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	42	138.6	6	19.8
2	3	6.3	44	145.2	9	29.7
3	3	6.3	57	188.1	9	29.7
4			52	171.6	6	19.8
5			54	178.2	11	36.3
6			43	141.9	9	29.7
7			38	125.4	8	26.4
8			61	201.3	12	39.6
9			45	148.5	10	33.0
10			43	141.9	9	29.7
T				1580.7		293.7
$\bar{x}$		6.3		158.1		29.4

Sertoli Cells: [illegible]

Remarks:

E = 26.4 μ

No. 8-162 Date 1/4/60

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells:

Remarks: no testis

E = 19.8 μ

(2)

No. 8-164 Date VIII/60

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells:

Remarks: testes

Ec 1324

No. 8 - 165 Date 1X/60

Spermatogenic Condition mostly 9

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	27	89.1	9	29.7
2	3	6.3	29	95.7	10	33.0
3			26	85.8		
4			22	72.6		
5			24	79.2		
6			31	102.3		
7			31	102.3		
8			31	102.3		
9			26	85.8		
10			27	89.1		
T				904.2		62.7
$\bar{x}$		6.3		90.4		31.4

Sertoli Cells: seen

Remarks:

E = 16.5 μ 0

No. S-163 Date 18/60

Spermatogenic Condition

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height
1	3	6.3	20	66.0	
2	3	6.3	18	59.4	
3			22	72.6	
4			23	75.9	
5			25	82.5	
6			25	72.4	
7			27	89.1	
8			30	99.0	
9			22	72.6	
10			20	66.0	
T				775.5	
$\bar{x}$		6.3		77.6	

Sertoli Cells: Present

Remarks:

No. 8-169 Date 8/60

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		14 - 46.2	
2		17 56.1	
3		16 52.8	
4		18 59.4	
5		20 66.0	
6		15 49.5	
7		16 52.8	
8		16 52.8	
9		19 62.7	
10		17 56.1	
T		554.4	
$\bar{x}$		55.4	

Sertoli Cells: seen

Remarks: Clear fluid

No. 8-170 Date XII/60

Spermatogenic Condition 6

(2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	49	161.7	20	66.0
2	50	165.0	15	49.5
3	53	174.9	15	49.5
4	50	165.0	17	56.1
5	40	132.0	12	39.6
6	53	174.9	15	49.5
7	58	191.4	20	66.0
8	57	188.1	15	49.5
9	48	158.4	15	49.5
10	59	194.7	18	59.4
T	1706.1		534.6	
$\bar{x}$	170.6		53.5	

Sertoli Cells: slen

Remarks:

No. 8-172 Date 4/61

Spermatogenic Condition [illegible]

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	61	201.3	13	42.9
2	3	6.3	54	178.2	8	26.4
3			47	155.1	15	49.5
4			30	99.0	10	33.0
5			55	181.5	9	29.7
6			54	178.2	10	33.0
7			52	171.6	15	49.5
8			67	221.1	10	33.0
9			57	188.1	11	36.3
10			50	165.0	11	36.3
T				1739.1		369.6
$\bar{x}$		6.3		173.9		37.0

Sertoli Cells: Present

Remarks:

No. S-173 Date Jc/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	2	4.2	57	188.1	16	52.8
2	2	4.2	44	145.2	12	39.6
3	3	6.3	57	168.3	16	52.8
4			64	211.2	19	62.7
5			74	244.2	15	49.5
6			64	211.2	14	46.2
7			71	234.3	20	66.0
8			67	221.1	18	59.4
9			66	217.8	24	79.2
10			71	234.3	15	49.5
T		14.7		2075.7		557.7
$\bar{x}$		4.9		207.6		55.8

Sertoli Cells: seen

Remarks:

No. 2-171 Date 4/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	49	161.7	13	42.9
2	3	6.3	61	201.3	9	29.7
3	2	4.2	52	165.6	15	49.5
4			60	198.0	16	52.8
5			58	191.4	13	42.9
6			62	204.6	16	52.8
7			64	211.2	15	49.5
8			48	158.4	17	56.1
9			62	204.6	12	39.6
10			46	151.8	10	33.0
T	16.8		1848.0		448.8	
$\bar{x}$	5.6		184.8		44.9	

Sertoli Cells: seen

Remarks:

No. 8-126 Date 1/6/41

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	66	217.8	10	33.0
2	3	6.3	60	198.0	13	42.9
3	3	6.3	69	227.7	21	69.3
4			70	231.0	14	46.2
5			73	240.9	18	59.4
6			70	231.0	13	42.9
7			69	227.7	11	36.3
8			80	264.0	17	56.1
9			80	264.0	15	49.5
10			69	227.7	13	42.9
T			2329.8		478.5	
$\bar{x}$	6.3		233.0		47.8	

Sertoli Cells: [illegible]

Remarks:

No. 8177 Date 1/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	6.3	76	250.8	17	56.1
2	6.3	66	217.8	19	62.7
3	6.3	57	188.1	17	56.1
4		54	178.2	17	56.1
5		61	201.3	19	62.7
6		59	194.7	18	59.4
7		72	237.6	22	72.6
8		63	207.9	19	62.7
9		75	247.5	11	36.3
10					
T		1903.9		521.7	
$\bar{x}$	6.3	213.8 ~~242~~		58.3	

Sertoli Cells: clear

Remarks:

E = 29.7 μ (2)

No. 8-178 Date 1/6/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	61	201.3	16	52.8
2	3	6.3	59	194.7	11	36.3
3	3	6.3	67	221.1	17	56.1
4			75	247.5	12	39.6
5			66	217.8	15	49.5
6			60	198.0	15	49.5
7			70	231.0	20	66.0
8			58	191.4	19	62.7
9			73	240.9	14	46.2
10			53	174.9	13	42.9
T				2118.4		501.6
$\bar{x}$		6.3		211.9		50.2

Sertoli Cells: seen

Remarks:

No. S-184 Date VI/Gr

Spermatogenic Condition 7

	(3) Interstitial Cell nuclear diam.		(2) Seminiferous tubule diam.		Seminiferous epith. height	
1	2	4.2	32	105.6	8	20.4
2	3	6.3	37	122.1	7	23.1
3			36	118.8	7	23.1
4			30	19.0	8	20.4
5			36	118.8	7	23.1
6			33	108.9	8	26.4
7			31	102.3	8	26.4
8			33	108.9	7	23.1
9						
10						
T		10.5		884.4		198.0
$\bar{x}$		5.2		110.6		24.8

Sertoli Cells: seen

Remarks:

No. S-185 Date 11/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	54	178.2	13	42.9
2	3	6.3	57	188.1	12	39.6
3	3	6.3	66	217.8	10	33.0
4			63	207.9	10	33.0
5			53	174.9	15	49.5
6			70	231.0	12	39.6
7			60	198.0	11	36.3
8			66	217.8	12	39.6
9			71	234.3	10	33.0
10			63	207.9	17	56.1
T				2055.9		402.6
$\bar{x}$		6.3		205.6		40.3

Sertoli Cells: seen

Remarks:

No. B-186 Date 11/61

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	82	270.6	20	66.0
2	3	6.3	52	171.6	10	33.0
3	3	6.3	73	240.9	10	33.0
4			69	227.7	17	56.1
5			77	254.1	18	59.4
6			64	211.2	20	66.0
7			74	244.2	15	49.5
8			82	270.6	18	59.4
9			72	237.6	15	49.5
10			55	181.5	18	59.4
T				2310.0		531.3
$\bar{x}$		6.3		231.0		53.1

Sertoli Cells: decr

Remarks:

E = 29.7 µ (3)

No. 8-187 Date 11/61

Spermatogenic Condition

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height
1	3	6.3	64	211.2	12 - 39.6
2	3	6.3	64	211.2	13 42.9
3	3	6 3	69	227.7	10 33.0
4			61	201.3	11 36 3
5			69	227.7	10 33 0
6			59	194.7	13 42.9
7			61	201 3	11 36 3
8			66	217.8	11 36 3
9			62	204 6	12 39.6
10			56	184.8	14 40.2
T				2082 3	386.1
$\bar{x}$		6.3		208.2	38.6

Sertoli Cells: Normal

Remarks:

No. 8-188 Date 11/61

Spermatogenic Condition 6

	(3) Interstitial Cell nuclear diam.		(2) Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	72	237.6	18	59.4
2	3	6.3	61	201.3	12	39.6
3	3	6.3	64	211.2	19	62.7
4			70	231.0	15	49.5
5			61	201.3	21	69.3
6			67	221.1	17	56.1
7			49	161.7	13	42.9
8			62	204.6	19	62.7
9			55	181.5	18	59.4
10			86	283.8	11	36.3
T			2135.1		537.9	
$\bar{x}$	6.3		213.5		53.8	

Sertoli Cells: [illegible]

Remarks:

No. 8-189 Date 11/61

Spermatogenic Condition 9

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)	Seminiferous epith. height
1	3	6.3	21 69.3	
2	2	4.2	21 69.3	
3			20 66.0	
4			20 66.0	
5			23 75.9	
6			20 66.0	
7			21 69.3	
8			24 79.2	
9			26 85.8	
10			20 66.0	
T	10.5		712.8	
$\bar{x}$	5.2		71.3	

Sertoli Cells: None

Remarks:

No. 8-191 Date 11/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	71	234.3	23	75.9
2	3	6.3	57	168.3	18	59.4
3	3	6.3	61	201.3	15	49.5
4			49	161.7	15	49.5
5			54	178.2	14	46.2
6			68	224.4	15	49.5
7			63	207.9	15	49.5
8			65	214.5	17	56.1
9			55	181.5	14	46.2
10			62	204.6	13	42.9
T				1976.7		524.7
$\bar{x}$		6.3		197.7		52.5

Sertoli Cells: seen

Remarks:

No. 8-192 Date 11/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	65	214.5	16	52.8
2	3	6.3	62	204.6	13	42.9
3	3	6.3	66	217.8	19	62.7
4			62	204.6	17	56.1
5			70	231.0	14	46.2
6			62	204.6	19	62.7
7			52	171.6	15	49.5
8			69	227.7	18	59.4
9			71	234.3	13	42.9
10			71	234.3	20	66.0
T				2145.0		541.2
$\bar{x}$		6.3		214.5		54.1

Sertoli Cells: seen

Remarks:

No. 8-194 Date 11/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	60	198.0	12	39.6
2	3	6.3	47	155.1	20	66.0
3	3	6.3	57	188.1	12	39.6
4			57	188.1	17	56.1
5			63	207.9	11	36.3
6			50	165.0	15	49.5
7			54	178.2	15	49.5
8			53	174.9	10	33.0
9			62	204.6	15	49.5
10			65	214.5	15	49.5
T				1874.4		468.6
$\bar{x}$		6.3		187.4		46.9

Sertoli Cells: Seen

Remarks:

E = 39.6 μ

No. 8-195 Date 11/1/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height
1	3	6.3	6.6	217.8	11 — 36.3
2	3	6.3	54	178.2	12 39.6
3	3	6.3	68	224.4	12 39.6
4			63	207.9	10 33.0
5			53	174.9	15 — 49.5 —
6			75 —	247.5 —	21 69.3
7			61	201.3	13 42.9
8			50	165.0	10 33.0
9			75 —	247.5 —	15 — 49.5 —
10			64	211.2	16 52.8
T			2075.7		445.5
$\bar{x}$	6.3		207.6		44.6

Sertoli Cells: clear

Remarks:

No. 8-196 Date 11/1/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)	Seminiferous epith. height
1	3	6.3	75 - 247.5	10 - 33.0
2	3	6.3	63 207.9	21 69.3
3	3	6.3	65 - 214.5	18 59.4
4			48 158.4	14 46.2
5			54 178.2	10 33.0
6			73 240.9	12 39.6
7			60 198.0	10 33.0
8			53 174.9	18 59.4
9			51 168.3	15 - 49.5
10			75 - 247.5	22 72.6
T			2036.1	495.0
$\bar{x}$		6.3	203.6	49.5

Sertoli Cells: Clear

Remarks:

No. 8-197 Date 11/1/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	77	254.1	15	49.5
2	3	6.3	69	227.7	17	54.1
3	4	8.4	79	260.7	20	66.0
4			72	237.6	15	49.5
5			70	231.0	16	52.8
6			87	287.1	18	59.4
7			74	244.2	16	52.8
8			76	250.8	15	49.5
9			77	254.1	12	39.6
10			88	290.4	13	42.9
T	21.0		2537.7		518.1	
$\bar{x}$	7.0		253.8		51.8	

Sertoli Cells: Seen

Remarks:

EC 33.0 μ

No. 8-198 Date 11/61

Spermatogenic Condition 10

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	60	198.0	20	66.0
2	3	6.3	72	237.6	17	56.1
3	3	6.3	63	207.9	14	46.2
4			60	198.0	12	39.6
5			55	181.5	17	56.1
6			68	224.4	13	42.9
7			65	214.5	17	56.1
8			73	240.9	14	46.2
9			68	224.4	19	62.7
10			52	171.6	17	56.1
T				2098.8		528.0
$\bar{x}$		6.3		209.9		52.8

Sertoli Cells: olem

Remarks: some of tissue damaged

good slide

No. 8-199 Date 11/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	92	303.6	17	56.1
2	3	6.3	74	244.2	15	49.5
3	3	6.3	70	231.0	14	46.2
4			63	207.9	12	39.6
5			72	237.6	19	62.7
6			82	270.6	13	42.9
7			52	171.6	18	59.4
8			54	178.2	12	39.6
9			64	211.2	13	42.9
10			92	303.6	18	59.4
T				2359.5		498.3
$\bar{x}$		6.3		236.0		49.8

Sertoli Cells: [illegible]

Remarks:

No. 8-200 Date 11/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (7)		Seminiferous epith. height
1	5	6.3	77	254.1	17 - 52.1
2	3	6.3	67	221.1	16 52.8
3	4	8.4	75	247.5	13 42.9
4			60	198.0	17 56.1
5			68	224.4	12 39.6
6			70	231.0	14 46.2
7			82	270.6	18 59.4
8			68	224.4	23 75.9
9			69	227.7	15 49.5
10			58	191.4	12 39.6
T	21.0		2290.2		518.1
$\bar{x}$	7.0		229.0		51.8

Sertoli Cells: seen

Remarks: Large no of interstitial cells

No. 8-204 Date 11/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	59	194.7	14	46.2
2	53	174.9	11	36.3
3	68	224.4	11	36.3
4	51	168.3	13	42.9
5	66	217.8	11	36.3
6	63	207.9	11	36.3
7	65	214.5	12	39.6
8	72	237.6	17	56.1
9	72	237.6	20	66.0
10	54	178.2	11	36.3
T	2055.9		432.3	
$\bar{x}$	205.6		43.2	

Sertoli Cells: Seen

Remarks:

E = 26.4 μ

No. S-205 Date 11/61

Spermatogenic Condition 6 (2)

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	9.9	53	174.9	8	26.4
2	4	13.2	53	174.9	11	36.3
3			66	217.8	11	36.3
4			65	214.5	13	42.9
5			65	214.5	11	36.3
6			63	207.9	15	49.5
7			47	155.1	12	39.6
8			55	181.5	15	49.5
9			67	221.1	19	62.7
10			60	198.0	11	36.3
T	23.1		1960.2		415.8	
$\bar{x}$	11.6		196.0		41.6	

Sertoli Cells: clear

Remarks:

No. 8-206 Date 11/16/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	60	198.0	11	36.3
2			57	188.1	12	39.6
3			57	188.1	15	49.5
4			60	198.0	11	36.3
5			65	214.5	15	49.5
6			59	194.7	11	36.3
7			62	204.6	14	46.2
8			69	227.7	11	36.3
9			70	231.0	20	66.0
10			59	194.7	11	36.3
T				2039.4		432.3
$\bar{x}$		6.3		2039		43.2

Sertoli Cells: Rare

Remarks:

No. 8-208 Date 11/61

Spermatogenic Condition 6

	(3) Interstitial Cell nuclear diam.		(2) Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	57	188.1	10	33.0
2	3	6.3	58	191.4	17	56.1
3			61	201.3	20	66.0
4			68	224.4	17	56.1
5			67	221.1	15	49.5
6			68	224.4	12	39.6
7			47	155.1	16	52.8
8			64	211.2	14	46.2
9			70	231.0	17	56.1
10			49	161.7	18	59.4
T			2009.7		514.8	
$\bar{x}$	6.3		201.0		51.5	

Sertoli Cells: seen

Remarks:

E = 39.6 μ (3)

No. 8-209 Date 11/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	70	231.0	13	42.9
2	2	4.2	67	221.1	20	66.0
3			49	161.7	12	39.6
4			69	227.7	19	62.7
5			74	244.2	24	79.2
6			63	207.9	15	49.5
7			60	198.0	14	46.2
8			67	221.1	15	49.5
9			61	201.3	15	49.5
10			55	181.5	16	52.8
T	10.5		2095.5		337.9	
$\bar{x}$	5.2		209.6		53.8	

Sertoli Cells: mean

Remarks:

E = 39.6 μ (3)

No. 8-211 Date 11/61

Spermatogenic Condition i

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height
1	3	6.3	80 -	264.0	11 - 36.3
2	3	6.3	59	194.7	11 36.3
3			71	234.3	15 49.5
4			64	211.2	16 52.8
5			66	217.8	18 59.4
6			77	254.1	16 52.8
7			69	227.7	12 39.6
8			64	211.2	13 42.9
9			94	310.2	12 39.6
10					
T			2125.2		409.2
$\bar{x}$	6.3		236.1		45.5

Sertoli Cells: seen

Remarks:

No. 8-213 Date 11/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	63 - 207.9		15 -	49.5
2	3	6.3	63	207.9	11	36.3
3			61	201.3	13	42.9
4			68	224.4	14	46.2
5			70	231.0	16	52.8
6			69	227.7	16	52.8
7			65	214.5	15	49.5
8			70	231.0	13	42.9
9			67	221.1	13	42.9
10			6	217.8	15	49.5
T			2184.4		465.3	
$\bar{x}$	6.3		218.5		46.5	

Sertoli Cells: seen

Remarks:

E = 16.5 μ (4)

No. X-245 Date 11/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	54	194.7	14	46.2
2	4	8.4	77	254.1	18	59.4
3	3	6.3	49	161.7	14	46.2
4			53	181.5	15	49.5
5			54	178.2	11	36.3
6			60	198.0	17	56.1
7			61	201.3	13	42.9
8			76	250.8	12	39.6
9						
10			61	201.3	17	56.1
T	21.0		1821.6		432.3	
$\bar{x}$	7.0		202.4		48.0	

Sertoli Cells: seen

Remarks: tubules widely separated

E = 16.5 μ (3)

No. 8-216 Date 11/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	4	8.4	58	191.4	10	33.0
2	3	6.3	70	231.0	15	49.5
3	3	6.3	52	171.6	11	36.3
4			64	211.2	14	46.2
5			48	158.4	10	33.0
6			61	201.3	14	46.2
7			62	204.6	14	46.2
8			60	198.0	15	49.5
9			52	171.6	4	46.2
10			62	204.6	15	49.5
T	21.0		1943.7		435.6	
$\bar{x}$	7.0		194.4		43.6	

Sertoli Cells: Clear

Remarks:

No. K-218 Date 11/61

Spermatogenic Condition 0

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	53	174.9	11	36.3
2	3	6.3	73	240.9	13	42.9
3	3	6.3	60	198.0	18	59.4
4			67	221.1	18	59.4
5			75	247.5	13	42.9
6			71	234.3	13	42.9
7			71	234.3	18	59.4
8			73	240.9	14	46.2
9			74	244.2	20	66.0
10			73	240.9	15	49.5
T				2277.0		504.9
$\bar{x}$		6.3		227.7		50.5

Sertoli Cells: Clear

Remarks:

No. 8-221 Date 11/61

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		67 - 221.1	14 - 46.2
		70 231.0	15 - 49.5
2		65 214.5	20 66.0
3		60 198.0	13 42.9
4		69 227.7	20 66.0
5			
6			
7			
8			
9			
10			
T		1092.3	270.6
$\bar{x}$		218.5	54.1

Sertoli Cells: seen

Remarks: cluster of cells w/ giant nuclei. Tubule structure seems organized yet disorganized

$\bar{x}$ = 36.3 μ

No. S-222 Date 11/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (1)		Seminiferous epith. height
1	3	6.3	69 -	227.7	12 - 39.6
2	3	6.3	71	234.3	11 36.3
3	3	6.3	72	237.6	19 62.7
4	3	6.3	59	194.7	11 36.3
5			64	211.2	15 49.5
6			73	240.9	15 49.5
7			75	247.5	15 49.5
8			59	194.7	16 52.8
9			69	227.7	16 52.8
10			70	231.0	14 46.2
T			2247.3		475.2
$\bar{x}$	6.3		224.7		47.5

Sertoli Cells: Rare

Remarks:

E = 29.7 μ (3)

No. 8-223 Date 11/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	75	247.5	18	59.4
2	3	6.3	53	174.9	15	49.5
3	3	6.3	52	171.6	17	56.1
4			70	231.0	11	36.3
5			69	227.7	15	49.5
6			59	194.7	14	46.2
7			68	224.4	15	49.5
8			73	240.9	16	52.8
9			67	221.1	20	66.0
10			76	250.8	15	49.5
T				2184.6		514.8
$\bar{x}$		6.3		218.5		51.5

Sertoli Cells: clear

Remarks:

E = 33.0μ (2)

No. 8-224 Date 11/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (3)		Seminiferous epith. height	
1	3	6.3	70	231.0	14	46.2
2	3	6.3	75	247.5	10	33.0
3			63	207.9	16	52.8
4			68	224.4	15	49.5
5			65	214.5	11	36.3
6			65	214.5	18	59.4
7			72	237.6	10	33.0
8			58	191.4	20	66.0
9			67	221.1	20	66.0
10			73	240.9	15	49.5
T				2230.8		491.7
$\bar{x}$	6.3			223.1		49.2

Sertoli Cells: seen

Remarks:

E > 33.0 μ (3)

No. 8-226 Date 11/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height
1	13	63	47	155.1	9 29.7
2	23	63	54	178.2	8 26.4
3	33	63	53	174.9	11 36.3
4			60	198.0	14 46.2
5			54	178.2	13 42.9
6			57	188.1	12 39.6
7			58	191.4	12 39.6
8			58	191.4	13 42.9
9			55	181.5	14 46.2
10			82	270.6	11 36.3
T			1907.4		386.1
$\bar{x}$	63		190.7		38.6

Sertoli Cells: none

Remarks:

No. 8-227 Date 11/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (5)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	5	6.3	520	184.8	13	42.9
2	3	6.3	61	201.3	14	46.2
3	3	6.3	65	214.5	11	36.3
4			60	198.0	16	52.8
5			55	181.5	14	46.2
6			75	247.5	12	39.6
7			60	198.0	14	46.2
8			60	198.0	16	52.8
9			65	214.5	11	36.3
10			58	191.4	16	52.8
T				2029.5		452.1
$\bar{x}$		6.3		203.0		45.2

Sertoli Cells: Dense

Remarks:

No. 8-229 Date 11/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	6.3	67	221.1	14	46.2
2	6.3	72	237.6	13	42.9
3	6.3	74	244.2	15	49.5
4		76	250.8	15	49.5
5		76	250.8	10	33.0
6		61	201.3	10	33.0
7		63	207.9	12	39.6
8		64	211.2	10	33.0
9		55	181.5	13	42.9
10		65	214.5	15	49.5
T			2220.9		419.1
$\bar{x}$	6.3		222.1		41.9

Sertoli Cells: seen

Remarks:

No. 8-230 Date 11/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)	Seminiferous tubule diam. (7)	Seminiferous epith. height
1	3 - 6.3	80 264.0	11 - 36.3
2	3 6.3	61 201.3	17 56.1
3	3 6.3	56 184.8	11 36.3
4		76 250.8	13 42.9
5		59 194.7	17 56.1
6		74 244.2	15 49.5
7		60 198.0	12 39.6
8		77 254.1	12 39.6
9		65 214.5	16 52.8
10		68 224.4	11 36.3
T		2230.8	415.5
$\bar{x}$	6.3	223.1	44.6

Sertoli Cells: seen

Remarks:

No. 8-233 Date 10/61

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height
1		38	125.4	5 - 16.5
2		33	108.9	8 26.4
3		32	105.6	7 23.1
4		29	95.7	9 29.67
5		25	82.5	6 19.8
6		33	108.9	7 23.1
7		30	99.0	9 29.7
8				
9				
10				
T		726.0		168.3
$\bar{x}$		103.7		24.045

Sertoli Cells: seen

Remarks:

No. 8-234 Date 10/61

Spermatogenic Condition 6

	(3) Interstitial Cell nuclear diam.		(2) Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	52	171.6	12	39.6
2	3	6.3	48	158.4	13	42.9
3	3	6.3	55	181.5	10	33.0
4			63	207.9	15	49.5
5			50	165.0	14	46.2
6			45	148.5	12	39.6
7			59	194.7	11	36.3
8			61	201.3	16	52.8
9			43	141.9	11	36.3
10			51	168.3	10	33.0
T			1639.1		409.2	
$\bar{x}$	6.3		163.9		40.9	

Sertoli Cells: seen

Remarks:

E = 33.0 μ (4)

No. X-235 Date 10/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	55	181.5	17	56.1
2	3	6.3	67	221.1	11	36.3
3	3	6.3	64	211.2	15	49.5
4			56	184.8	17	56.1
5			61	201.3	13	42.9
6			53	174.9	15	49.5
7			55	181.5	20	66.0
8			55	181.5	15	49.5
9			61	201.3	9	29.7
10			64	211.2	11	36.3
T			1950.3		471.9	
$\bar{x}$	6.3		195.0		47.2	

Sertoli Cells: seen

Remarks:

No. 8-230 Date 14/01

Spermatogenic Condition 7

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	58	191.4	13	42.9
2	3	6.3	48	158.4	12	39.6
3	3	6.3	44	145.2	11	36.3
4			59	194.7	16	52.8
5			57	188.1	10	33.0
6			58	191.4	11	36.3
7			65	214.5	17	56.1
8			86	283.8	14	46.2
9			52	171.6	13	42.9
10			48	158.4	15	49.5
T				1897.5		435.6
$\bar{x}$		6.3		189.8		43.6

Sertoli Cells: none

Remarks:

EC 231 (2)

No. 8-237 Date 14/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (6)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	97	155.1	14	46.2
2	3	6.3	70	231.0	15	49.5
3			47	155.1	16	52.8
4			50	165.0	14	46.2
5			58	191.4	15	49.5
6			63	207.9	12	39.6
7			54	178.2	11	36.3
8			60	198.0	14	46.2
9			61	201.3	14	46.2
10			54	178.2	20	66.0
T				1861.2		478.5
$\bar{x}$		6.3		186.1		47.8

Sertoli Cells: seen

Remarks:

No. 8-238 Date 11/61

Spermatogenic Condition 0

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	57	188.1	10	33.0
2	3	6.3	52	171.6	15	49.5
3	3	6.3	50	165.0	14	46.2
4			52	171.6	12	39.6
5			51	168.3	13	42.9
6			54	178.2	17	56.1
7			54	178.2	10	33.0
8			55	181.5	13	42.9
9			60	198.0	15	49.5
10			46	151.8	14	46.2
T				1752.3		438.9
$\bar{x}$		6.3		175.2		43.9

Sertoli Cells: clear

Remarks:

No. S-239 Date 10/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (0)		Seminiferous epith. height	
1	3	6.3	85	280.5	17	56.1
2	3	6.3	60	198.0	11	36.3
3	3	6.3	64	211.2	18	59.4
4			56	184.8	14	46.2
5			69	227.7	16	52.8
6			73	240.9	14	46.2
7			67	221.1	13	42.9
8			77	254.1	17	56.1
9			74	244.2	18	59.4
10			64	211.2	13	42.9
T			2273.7		498.3	
$\bar{x}$	6.3		227.4		49.8	

Sertoli Cells: none

Remarks:

E = 39.6 μ (8)

No. 8-241 Date 10/61

Spermatogenic Condition 10

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	62 - 204.6		17	56.1
2	3	6.3	77	254.1	17	56.1
3	3	6.3	71	234.3	15	49.5
4			51	168.3	18	59.4
5			67	221.1	19	62.7
6			62	204.6	18	59.4
7			58	191.4	11	36.3
8			52	171.6	17	56.1
9			71	234.3	15	49.5
10			66	217.8	14	46.2
T			2102.1		531.3	
$\bar{x}$		6.3	210.2		53.1	

Sertoli Cells: seen

Remarks:

No. 8-244 Date 10/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	57	188.1	13	42.9
2	61	201.3	12	39.6
3	56	184.8	13	42.9
4	53	174.9	13	42.9
5	64	211.2	11	36.3
6	54	178.2	11	36.3
7	45	148.5	13	42.9
8	50	165.0	10	33.0
9	53	174.9	11	36.3
10	50	165.0	10	33.0
T	1791.9		386.1	
$\bar{x}$	179.2		38.6	

Sertoli Cells: seen

Remarks:

E = 19.8 μ (4)

No. 8-245 Date 10/61

Spermatogenic Condition 6

	(3) Interstitial Cell nuclear diam.		(2) Seminiferous tubule diam.		Seminiferous epith. height	
1	2	4.2	67	221.1	22	72.6
2	3	6.3	60	198.0	15	49.5
3	2	4.2	63	207.9	22	72.6
4			69	227.7	12	39.6
5			56	184.8	12	39.6
6			55	181.5	18	59.4
7			52	171.6	13	42.9
8			55	181.5	14	46.2
9						
10						
T	14.7		1574.1		422.4	
$\bar{x}$	4.9		196.8		52.8	

Sertoli Cells: seen

Remarks: small piece

E = 26.4 μ (2)

No. 8-240 Date 10/6/61

Spermatogenic Condition [illegible] 5

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	5	6.3	65	214.5	16	52.8
2	2	4.2	50	165.0	14	46.2
3	2	4.2	47	155.1	9	29.7
4	3	6.3	57	188.1	16	52.8
5			50	165.0	13	42.9
6			53	174.9	9	29.7
7			48	158.4	10	33.0
8			65	214.5	16	52.8
9			56	184.8	13	42.9
10			53	174.9	12	39.6
T	21.0		1795.2		422.4	
$\bar{x}$	5.2		179.5		42.2	

Sertoli Cells: 20

Remarks:

$\bar{x} = 231\ \mu$ (2)

No. 8-248 Date 10/61

Spermatogenic Condition 6

(2)

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	57	168.3	13	42.9
2	3	6.3	44	145.2	10	33.0
3	2	4.2	55	181.5	13	42.9
4			58	191.4	14	46.2
5			62	204.6	16	52.8
6			55	181.5	13	42.9
7			56	184.8	13	42.9
8			53	174.9	10	33.0
9			46	151.8	14	46.2
10			60	198.0	11	36.3
T	16.8		1782.0		419.1	
$\bar{x}$	5.6		178.2		41.9	

Sertoli Cells: seen

Remarks:

No. 8249 Date 12/61

Spermatogenic Condition [illegible] 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height
1	3	6.3	56	184.8	13 — 42.9
2	3	6.3	63	207.9	11 36.3
3	3	6.3	69	227.7	18 59.4
4			58	191.4	10 33.0
5			72	237.6	16 52.8
6			52	171.6	14 46.2
7			68	224.4	10 33.0
8			58	191.4	15 49.5
9			68	224.4	24 79.2
10			75	247.5	13 42.9
T			2108.7		475.2
$\bar{x}$	6.3		210.9		47.5

Sertoli Cells: seen

Remarks:

No. 8-252 Date 14/6/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	92 -	232.4	12 -	39.6
2	3	6.3	55 -	181.5	11	36.3
3	3	6.3	45 -	148.5	12	39.6
4			42	138.6	10	33.0
5			39	126.7	12	39.6
6			44	145.2	11	36.3
7			49	161.7	9	29.7
8			47	155.1	14	46.2
9			46	151.8	11	36.3
10			45 -	148.5	9	29.7
T				1597.2		366.3
$\bar{x}$		6.3		159.7		36.6

Sertoli Cells: seen

Remarks: Large basophilic concentrations - aborted sperm?

E = 29.7μ (3)

No. 8-253 Date 4/6/61

Spermatogenic Condition (5) (2) (6)

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height
1	3	6.3	149	161.7	13 - 42.9
2	3	6.3	144	145.2	16 52.8
3	(2)	4.2	57	168.3	10 33.0
4			45	148.5	16 52.8
5			43	141.9	11 36.3
6			53	174.9	12 39.6
7			47	155.1	15 49.5
8			40	132.0	11 36.3
9			39	128.7	16 52.8
10			55	181.5	13 42.9
T	16.8		1,537.8		438.9
$\bar{x}$	5.6		153.8		43.9

Sertoli Cells: seen

Remarks:

No. 8-235 Date V/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	55	181.5	12	39.4
2	3	6.3	52	171.6	12	39.6
3	3	6.3	66	217.8	12	39.6
4			42	138.6	13	42.9
5			54	178.2	14	46.2
6			56	184.8	8	26.4
7			47	155.1	11	36.3
8			45	148.5	9	29.7
9			60	198.0	16	52.8
10			40	132.0	9	29.7
T			1706.1		382.8	
$\bar{x}$	6.3		170.6		38.3	

Sertoli Cells: none

Remarks:

No. 8-256 Date 10/61

Spermatogenic Condition 6

(2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	43	141.9	14	46.2
2	45	148.5	11	36.3
3	47	155.1	14	46.2
4				
5				
6				
7				
8				
9				
10				
T	445.5		128.7	
$\bar{x}$	148.5		42.9	

Sertoli Cells: seen

Remarks: seems to be a longitudinal section, = + 2° cytes dividing, many spermatids, few mature spermatozoa

E = 16.5 μ

(2)

No. 8-259 Date 1/6/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	38	125.4	6	19.8
2	45	148.5	10	33.0
3	34	112.2	6	19.8
4	60	198.0	7	23.1
5	41	135.3	7	23.1
6	42	138.6	10	33.0
7	44	145.2	6	19.8
8	52	171.6	11	36.3
9	52	171.6	7	23.1
10	32	105.6	6	19.8
T		1452.0		250.8
$\bar{x}$		145.2		25.1

Sertoli Cells: seen

Remarks: tubules separating, some tubules only a few cells thick

No. 8-60 Date 10/6/1

Spermatogenic Condition [illegible] 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	65	214.5	9	29.7
2	3	6.3	49	161.7	7	23.1
3	3	6.3	61	201.3	20	66.0
4			57	188.1	15	49.5
5			70	231.0	14	46.2
6			62	204.6	12	39.6
7			58	191.4	13	42.9
8			67	221.1	14	46.2
9			57	188.1	13	42.9
10			64	211.2	12	39.6
T			2013.0		425.7	
$\bar{x}$	6.3		201.3		42.6	

Sertoli Cells: [illegible]

Remarks:

No. 8-261 Date 12/6/61

Spermatogenic Condition [illegible] 6

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	60	198.0	11	36.3
2	3	6.3	54	178.2	13	42.9
3	3	6.3	58	191.4	11	36.3
4			61	201.3	15	49.5
5			48	158.4	7	23.1
6			41	153.1	13	42.9
7			63	207.9	10	33.0
8			56	184.8	7	23.1
9			55	181.5	10	33.0
10			61	201.3	10	33.0
T				1857.9		353.1
$\bar{x}$		6.3		185.8		35.3

Sertoli Cells: seen

Remarks: tubules separating

No. 8-262 Date 4/6/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	6.3	198.0	39.6
2	6.3	244.2	42.9
3	6.3	221.1	52.8
4		217.8	42.9
5		227.7	39.6
6		297.0	69.3
7		231.0	46.2
8		247.5	62.7
9		188.1	56.1
10		221.1	59.4
T		2293.5	511.5
$\bar{x}$	6.3	229.4	51.2

Sertoli Cells: none

Remarks:

No. 8-263 Date 4/6/61

Spermatogenic Condition [illegible] 6

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	53	174.9	16	52.8
2	3	6.3	63	207.9	11	36.3
3	3	6.3	61	201.3	16	52.8
4			48	158.4	12	34.6
5			57	188.1	14	46.2
6			55	181.5	11	36.3
7			58	191.4	9	29.7
8			62	204.6	17	56.1
9			48	158.4	11	36.3
10			63	207.9	10	33.0
T			1874.4		419.1	
$\bar{x}$	6.3		187.4		41.9	

Sertoli Cells: clear

Remarks:

No. K-264 Date 4/61

Spermatogenic Condition of petition 6

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	60	198.0	15	49.5
2	3	6.3	54	178.2	21	69.3
3	3	6.3	59	194.7	11	36.3
4			51	168.3	13	42.9
5			72	237.6	12	39.6
6			75	247.5	17	56.1
7			63	207.9	13	42.9
8			59	194.7	16	52.8
9			59	194.7	16	52.8
10			49	161.7	15	49.5
T				1983.3		491.7
$\bar{x}$		6.3		198.3		49.2

Sertoli Cells: seen

Remarks:

E = 29.7 μ

No. R-205 Date 4/6/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	4.2	146 151.8	9 29.7
2	4.2	149 161.7	13 42.9
3	4.2	190 198.0	12 39.6
4		150 165.0	16 52.8
5		166 217.8	13 42.9
6		153 174.9	14 46.2
7		172 237.6	11 36.3
8		148 158.4	13 42.9
9		169 227.7	14 46.2
10		159 194.7	14 46.2
T		1887.6	425.7
$\bar{x}$	4.2	188.8	42.6

Sertoli Cells: seen

Remarks:

No. 8-269 Date 11/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	63	207.9	15	49.5
2	55	181.5	12	39.6
3	47	155.1	8	26.4
4	53	174.9	9	29.7
5	45	148.5	9	29.7
6	50	165.0	16	52.8
7	55	181.5	13	42.9
8	51	168.3	11	36.3
9	62	204.6	8	26.4
10	49	161.7	11	36.3
T		1749.0		369.6
$\bar{x}$		174.9		37.0

Sertoli Cells: seen

Remarks: tubules separating

No. X-270 Date 4/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	75	247.5	14	46.2
2	3	6.3	60	198.0	12	39.6
3	3	6.3	67	221.1	13	42.9
4			77	254.1	20	66.0
5			56	184.8	14	46.2
6			73	240.9	20	66.0
7			52	171.6	13	42.9
8			57	188.1	15	49.5
9			66	217.8	19	62.7
10			58	191.4	18	59.4
T			2115.3		521.4	
$\bar{x}$	6.3		211.5		52.1	

Sertoli Cells: seen

Remarks: tubules separating

E= 26 4/11 (3)

No. 8-271 Date 1/6/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	60	198.0	16	52.8
2	2	4.2	60	198.0	23	75.9
3	3	6.3	52	171.6	15	49.5
4			62	204.6	14	46.2
5			65	214.5	13	42.9
6			64	211.2	14	46.2
7			58	191.4	15	49.5
8			61	201.3	16	52.8
9			67	221.1	19	62.7
10			51	168.3	13	42.9
T	16.8		1980.0		521.4	
$\bar{x}$	5.6		198.0		52.1	

Sertoli Cells: seen

Remarks: central tubule lumens full of globs of tissue

No. 8-272 Date 4/61

Spermatogenic Condition b

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height
1	3	6.3	56 -	184.8	16 - 52.8
2	2	4.2	80	264.0	21 69.3
3	3	6.3	60	198.0	21 69.3
4			60	198.0	13 42.9
5			76	250.6	15 49.5
6			58	191.4	14 46.2
7			60	198.0	12 39.6
8			64	211.2	12 39.6
9			58	191.4	10 33.0
10			80	264.0	19 62.7
T	10.8		2138.4		509.9
$\bar{x}$	5.6		213.8		50.5

Sertoli Cells: poor

Remarks: Some tubules have no lumen look like regression; Tubules separating

E = 23.1 μ (4)

No. 8-2.73 Date 11/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	58	191.4	14	46.2
2	3	6.3	54	178.2	14	46.2
3	3	6.3	67	221.1	15	49.5
4			55	181.5	15	49.5
5			60	198.0	24	79.2
6			54	178.2	16	52.8
7			55	181.5	16	52.8
8			60	198.0	15	49.5
9			55	181.5	15	49.5
10			61	201.3	19	62.7
T				1910.7		537.9
$\bar{x}$		6.3		191.1		53.8

Sertoli Cells: seen

Remarks:

No. 8,274 Date 10/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	51	168.3	10	33.0
2	2	4.2	70	231.0	11	36.3
3	3	6.3	58	191.4	17	56.1
4			60	198.0	12	39.6
5			67	221.1	12	39.6
6			49	161.7	13	42.9
7			62	204.6	19	62.7
8			57	168.3	12	39.6
9			62	204.6	14	46.2
10			60	198.0	13	42.9
T		16.8		1946.6		438.9
$\bar{x}$		5.6		194.7		43.9

Sertoli Cells: seen

Remarks:

E = 26.4 μ (2)

No. 5-277 Date 4/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	66	217.8	24	79.2
2	3	6.3	73	240.9	16	52.8
3	3	6.3	66	217.8	17	56.1
4			62	204.6	20	66.0
5			67	221.1	20	66.0
6			68	224.4	17	56.1
7			100	330.0	22	72.6
8			63	207.9	20	66.0
9			68	224.4	22	72.6
10			66	217.8	19	62.7
T				306.7		650.1
$\bar{x}$	6.3			230.7		65.0

Sertoli Cells: area

Remarks:

No. 8-278 Date 4/61

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	38	125.4	7	23.1
2	3	6.3	38	125.4	6	19.8
3	3	6.3	44	145.2	6	19.8
4			50	165.0	10	33.0
5			43	141.9	11	36.3
6			49	161.7	8	26.4
7			47	155.1	8	26.4
8			41	135.3	9	29.7
9			43	141.9	7	23.1
10			43	141.9	11	36.3
T			1438.8		273.9	
$\bar{x}$	6.3		143.9		27.4	

Sertoli Cells: seen

Remarks: tubule separating, only a few cells thick

No. 8-279 Date V/61

Spermatogenic Condition 0

	Interstitial Cell nuclear diam. (3)	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	6.3	161 201.3	14 46.2
2	6.3	146 151.8	12 39.4
3	6.3	174 178.2	21 69.3
4		168 224.4	11 36.3
5		165 214.5	16 52.8
6		145 148.5	14 46.2
7		135 181.5	18 59.4
8		149 194.7	17 56.1
9		157 188.1	19 62.7
10		153 174.9	22 72.6
T		1857.9	541.2
$\bar{x}$	6.3	185.8	54.1

Sertoli Cells: none

Remarks:

No. 8-~~[illegible]~~ 290 Date 11/61

Spermatogenic Condition 9*

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	38	125.4	—	
2	54	178.2	12	39.6
3	40	132.0	14	46.2
4	51	168.3	15	49.5
5	54	178.2	13	42.9
6	41	135.3	16	52.8
7	46	151.8	11	36.3
8	50	165.0	—	
9				
10				
T	1234.2		267.3	
$\bar{x}$	154.3		44.6	

Sertoli Cells: seen

Remarks: mostly 9, some 6

No. 8-291 Date Vd/61

Spermatogenic Condition 7

	(3) Interstitial Cell nuclear diam.		(2) Seminiferous tubule diam.		Seminiferous epith. height	
1	2	4.2	29	95.7	8	26.4
2	2	4.2	36	118.8	7	23.1
3	2	4.2	32	105.6	6	19.8
4			36	118.8	8	26.4
5			28	92.4	3	9.9
6			27	89.1	6	19.8
7			30	99.0	6	19.8
8			30	99.0	7	23.1
9			27	89.1	5	16.5
10			30	99.0	5	16.5
T			1006.5		201.3	
$\bar{x}$	4.2		100.6		20.1	

Sertoli Cells: seen

Remarks:

No. 8-296 Date Mc/Col

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		33 - 108.9	
2		33 108.9	
3		32 105.6	
4		36 118.8	
5		37 122.1	
6		35 115.5	
7		34 112.2	
8		33 108.9	
9		35 115.5	
10		27 89.1	
T		1105.5	
$\bar{x}$		110.6	

Sertoli Cells: seen

Remarks:

No. 8-217 Date V4/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		165.0	11 - 36.3
2		151.8	11 36.3
3		158.4	12 39.6
4		158.4	14 52.8
5		118.8	11 36.3
6		122.1	10 33.0
7		138.6	12 39.6
8		132.0	12 39.6
9		132.0	9 29.7
10		141.9	12 39.6
T		1419.0	382.8
$\bar{x}$		141.9	38.3

Sertoli Cells: seen

Remarks:

No. 8-299 Date 1X/61

Spermatogenic Condition 9

(2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	22 - 72.6	
2	22 72.6	
3	17 56.1	
4	23 75.9	
5	25 82.5	
6	24 79.2	
7	22 72.6	
8	24 79.2	
9	24 79.2	
10	23 75.9	
T	745.8	
$\bar{x}$	74.6	

Sertoli Cells: seen

Remarks:

No. 8-300 Date 10/61

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	28 - 92.4	
2	27 89.1	
3	25 82.5	
4	24 79.2	
5	28 92.4	
6	27 89.1	
7	26 85.8	
8	25 82.5	
9	30 99.0	
10	28 92.4	
T	884.4	
$\bar{x}$	88.4	

Sertoli Cells: Seen.

Remarks:

No. 8-301 Date 4/6/61

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		46 - 151.8	
2		52 171.6	
3		47 155.1	
4		50 165.0	
5		45 148.5	
6		44 145.2	
7		44 145.2	
8		54 178.2	
9		50 165.0	
10		58 191.4	
T		1617.0	
$\bar{x}$		161.7	

Sertoli Cells: seen

Remarks:

No. 8-303 Date IX/01

Spermatogenic Condition 3

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		13 - 42.9	
2		12 39.6	
3		13 42.9	
4		11 36.3	
5		12 39.6	
6		13 42.9	
7		14 46.2	
8		14 46.2	
9		12 39.6	
10		16 52.8	
T		429.0	
$\bar{x}$		42.9	

Sertoli Cells: seen

Remarks:

No. 8-309 Date 11/61

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		75 - 82.5	
2		29 95.7	
3		31 102.3	
4		34 112.2	
5		30 99.0	
6		33 108.9	
7		33 108.9	
8		32 105.6	
9		28 92.4	
10		31 102.3	
T		1009.8	
$\bar{x}$		101.0	

Sertoli Cells: seen

Remarks:

No. 8-307 Date 11/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	2	4.2	605	214.5	11	36.3
2	3	6.3	52	171.6	15	49.5
3	3	6.3	48	158.4	15	49.5
4			63	207.9	17	56.1
5			71	234.3	15	49.5
6			66	217.8	13	42.9
7			61	201.3	12	39.6
8			48	158.4	12	39.6
9			55	181.5	20	66.0
10			53	174.9	15	49.5
T		16.8		1920.6		478.5
$\bar{x}$		5.6		192.1		47.8

Sertoli Cells: seen

Remarks:

No. S-308 Date 1/4/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (4)		Seminiferous epith. height	
1	3	6.3	60	198.0	11	36.3
2	3	6.3	47	155.1	14	46.2
3	3	6.3	64	211.2	14	46.2
4			66	217.8	16	52.8
5			75	247.5	12	39.6
6			60	198.0	18	59.4
7			63	207.9	18	59.4
8			63	207.9	8	26.4
9						
10						
T				1693.4		566.3
$\bar{x}$		6.3		205.4		45.8

Sertoli Cells: none

Remarks:

No. 8-309 Date 11/62

Spermatogenic Condition (3) (2) (2)

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height
1	6.3	67	221.1	19 - 62.7
2	6.3	74	244.2	14 46.2
3	6.3	55	181.5	14 46.2
4		60	198.0	16 52.8
5		71	234.3	16 52.8
6		52	171.6	11 36.3
7		60	198.0	12 39.6
8		72	237.6	17 56.1
9		58	191.4	16 52.8
10		62	204.6	16 52.8
T		1082.3		496.3
$\bar{x}$	6.3	208.2		49.8

Sertoli Cells: Seen

Remarks:

No. 8-312 Date 10/62

Spermatogenic Condition 6*

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	106	217.8	12	39.6
2	3	6.3	108	224.4	14	46.2
3	3	6.3	102	204.6	12	39.6
4			81	267.3	20	66.0
5			52	171.6	15	49.5
6			65	214.5	14	46.2
7			88	290.4	13	42.9
8						
9						
10						
T			1590.6		330.0	
$\bar{x}$	6.3		227.2		47.1	

Sertoli Cells: seen

Remarks: some 9 : round tubules cut longitudinally

No. 8-314 Date 11/62

Spermatogenic Condition [illegible]

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	65	214.5	15	49.5
2	3	6.3	81	267.3	20	66.0
3	3	6.3	73	240.9	19	62.7
4			74	244.2	18	59.4
5			60	198.0	16	52.8
6			66	217.8	20	66.0
7			59	194.7	20	66.0
8			65	214.5	19	62.7
9			67	221.1	20	66.0
10			64	211.2	16	52.8
T			2224.2		603.9	
$\bar{x}$		6.3	222.4		60.4	

Sertoli Cells: seen

Remarks:

No. 8-316 Date 4/6/62

Spermatogenic Condition 5

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	33	106.9	15	49.5
2	3	6.3	37	122.1	11	36.3
3	3	6.3	40	132.0	15	49.5
4			36	118.8	11	36.3
5			31	102.3	12	39.6
6			37	122.1	15	49.5
7			38	125.4	12	39.6
8			35	115.5	12	39.6
9			33	108.9	11	36.3
10			28	92.4	6	19.8
T			1148.4		3960	
$\bar{x}$	6.3		114.8		39.6	

Sertoli Cells: rare

Remarks:

not recorded as orig

No. 8-3286 7 Date 1/62

Spermatogenic Condition 4

Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1 3	6.3	62	204.6	10	33.0
2 3	6.3	71	234.3	12	39.6
3 3	6.3	59	194.7	7	23.1
4		60	198.0	12	39.6
5		79	260.7	26	85.8
6		63	207.9	8	26.4
7		58	191.4	13	42.9
8		56	184.8	10	33.0
9		59	194.7	13	42.9
10		63	207.9	10	33.0
T			2079.0		599.3
$\bar{x}$	6.3		207.9		39.9

Sertoli Cells: seen

Remarks: small eosinophilic material in vas deferens

E=26.4μ

(3)

No. 8-327 Date 12/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (3)		Seminiferous epith. height	
1	3	6.3	106	217.8	10	33.0
2	3	6.3	80	264.0	10	33.0
3	3	6.3	63	207.9	10	33.0
4			57	188.1	14	46.2
5			106	217.8	15	49.5
6			71	234.3	15	49.5
7			59	194.7	15	49.5
8			106	217.8	9	29.7
9			71	234.3	16	52.8
10			60	198.0	17	56.1
T			2174.7		432.3	
$\bar{x}$		6.3	217.5		43.2	

Sertoli Cells: seen

Remarks:

No. 8-329 Date 4/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	2	4.2	103	207.9	11	36.3
2	3	6.3	106	217.8	12	39.6
3	3	6.3	105	214.5	16	52.8
4			10	198.0	10	33.0
5			81	267.3	11	36.3
6			56	184.8	12	39.6
7			47	155.1	14	46.2
8			103	207.9	17	56.1
9			55	181.5	16	52.8
10			53	174.9	15	49.5
T		16.8		2009.7		442.2
$\bar{x}$		5.6		201.0		44.2

Sertoli Cells: seen

Remarks:

No. 8-332 Date V/62

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells:

Remarks: no testes on slide

E = 36.3μ (2)

No. 8-333 Date 4/62

Spermatogenic Condition

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	9	8.4	51	168.3	20	66.0
2	3	6.3	42	138.6	13	42.9
3	4	8.4	100	198.0	10	33.0
			42	138.6	15	49.5
4			65	214.5	19	62.7
5						
6						
7						
8						
9						
10						
T	23.1		585.0		254.1	
$\bar{x}$	7.7		171.6		50.8	

Sertoli Cells: seen

Remarks: small piece

No. 8-338 Date 11/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	5 6.3	44 145.2	10 33.0
2	5 6.3	65 214.5	10 33.0
3	3 6.3	58 191.4	15 49.5
4		51 168.3	16 52.8
5		52 171.6	12 39.6
6		55 181.5	13 42.9
7		51 168.3	17 56.1
8		65 214.5	19 62.7
9		55 181.5	13 42.9
10		55 181.5	12 39.4
T		1818.3	952.1
$\bar{x}$	6.3	181.8	45.2

Sertoli Cells: Seen

Remarks:

No. 8-341 Date 11/62

Spermatogenic Condition

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	70	231.0	16	52.8
2	3	6.3	67	221.1	20	66.0
3	3	6.3	75	247.5	14	46.2
4			64	211.2	10	33.0
5			63	207.9	19	62.7
6			65	214.5	16	52.8
7			59	194.7	16	52.8
8			67	168.3	14	46.2
9			72	237.6	14	46.2
10			64	211.2	15	49.5
T				2145.0		508.2
$\bar{x}$		6.3		214.5		50.8

Sertoli Cells: Seen

Remarks:

No. 8-343 Date VI/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	52	171.6	9	29.7
2	3	6.3	59	194.7	12	39.6
3	3	6.3	54	178.2	11	36.3
4			50	165.0	14	46.2
5			57	188.1	12	39.6
6			53	174.9	13	42.9
7			58	191.4	12	39.6
8			48	158.4	10	33.0
9			46	151.8	9	29.7
10			59	194.7	15	49.5
T				1768.8		386.1
$\bar{x}$		6.3		176.9		38.6

Sertoli Cells: seen

Remarks:

No. 8-342 Date VI/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height
1	3	6.3	77	254.1	23 - 75.9
2	3	6.3	55	181.5	15 49.5
3	2	4.2	62	204.6	14 46.2
4			71	234.3	16 52.8
5			72	237.6	16 52.8
6			77	254.1	16 52.8
7			63	207.9	19 62.7
8			51	168.3	11 36.3
9			66	217.8	15 49.5
10			80	264.0	11 36.3
T		16.8		2224.2	514.8
$\bar{x}$		5.6		222.4	51.5

Sertoli Cells: seen

Remarks:

No. S-345 Date VI/62

Spermatogenic Condition C2

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	53	174.9	9	29.7
2	3	6.3	55	181.5	11	36.3
3	2	4.2	55	181.5	15	49.5
4			45	148.5	10	33.0
5			49	161.7	10	33.0
6			50	165.0	9	29.7
7						
8						
9						
10						
T	16.8		1013.6		211.2	
$\bar{x}$	5.4		168.8		35.2	

Sertoli Cells: seen

Remarks: small pucl

C = 23.1 μ (2)

No. 8-346 Date 11/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	56	184.8	18	59.4
2	3	6.3	68	224.4	19	62.7
3	3	6.3	64	211.2	12	39.6
4			105	214.5	16	52.8
5			54	178.2	14	46.2
6			57	188.1	17	56.1
7			89	293.7	16	52.8
8			72	237.6	15	49.5
9			73	240.9	16	52.8
10			92	303.6	15	49.5
T				2277.0		521.4
$\bar{x}$		6.3		227.7		52.1

Sertoli Cells: Seen

Remarks:

No. 8-348 Date VI/62

Spermatogenic Condition 7

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	52	171.6	14 -	46.2
2	3	6.3	39	128.7	11	36.3
3	3	6.3	48	158.4	8	26.4
4			37	122.1	8	26.4
5			47	155.1	8	26.4
6			42	138.6	13	42.9
7			38	125.4	8	26.4
8			48	158.4	9	29.7
9			40	132.0	9	29.7
10			44	145.2	9	29.7
T				1435.5		320.1
$\bar{x}$		6.3		143.6		32.0

Sertoli Cells: Rare

Remarks:

No. 8-350 Date VI/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	13	6.3	58	191.4	8	26.4
2	22	4.2	58	191.4	15	49.5
3	33	6.3	58	191.4	14	46.2
4			59	194.7	15	49.5
5			68	224.4	13	42.9
6			68	224.4	13	42.9
7			67	221.1	11	36.3
8			69	227.7	20	66.0
9			77	254.1	18	59.4
10			67	221.1	13	42.9
T		16.8		2141.7		462.0
$\bar{x}$		5.6		214.2		46.2

Sertoli Cells: seen

Remarks:

No. 8-351 Date 11/62

Spermatogenic Condition 7

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (1)		Seminiferous epith. height	
1	3	6.3	62	204.6	15	49.5
2	3	6.3	58	191.4	12	39.6
3	3	6.3	47	155.1	16	52.8
			59	194.7	13	42.9
4						
5						
6						
7						
8						
9						
10						
T			745.8		184.8	
$\bar{x}$	6.3		186.4		46.2	

Sertoli Cells: seen

Remarks: tissue in poor condition

No. 8-352 Date VI/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	65	214.5	19	62.7
2	3	6.3	45	148.5	15	49.5
3	3	6.3	41	135.3	10	33.0
4			55	181.5	15	49.5
5			51	168.3	12	39.6
6			51	168.3	19	62.7
7			60	198.0	14	46.2
8			60	198.0	15	49.5
9						
10						
T			1112.4		392.7	
$\bar{x}$		6.3	15	176.4		49.1

Sertoli Cells: seen

Remarks: small piece

No. 8-353 Date VI/62

Spermatogenic Condition (2)

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1		63	207.9	19	62.7
2		64	211.2	23	75.9
3		55	181.5	12	39.6
4		64	211.2	17	56.1
5		48	158.4	16	52.8
6		55	181.5	10	33.0
7		54	178.2	16	52.8
8					
9					
10					
T		1329.9		372.9	
$\bar{x}$		190.0		53.3	

Sertoli Cells: seen

Remarks: small piece

C = 26 4/4 (3)

No. 8-354 Date VI/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	60	198.0	11	36.3
2	3	6.3	60	198.0	14	46.2
3	3	6.3	63	207.9	13	42.9
4			53	174.9	19	62.7
5			57	188.1	16	52.8
6			60	198.0	13	42.9
7			65	214.5	10	33.0
8			76	250.8	17	56.1
9			71	234.3	10	33.0
10			62	204.6	13	42.9
T				2069.1		448.8
$\bar{x}$		6.3		206.9		44.9

Sertoli Cells: seen

Remarks: tubules separating

No. 8-357 Date VI/62

Spermatogenic Condition 7

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	65	214.5	12	39.6
2	3	6.3	47	155.1	10	33.0
3	3	6.3	45	148.5	13	42.9
4			49	161.7	14	46.2
5			45	148.5	10	33.0
6			50	165.0	11	36.3
7			55	181.5	7	23.1
8			47	155.1	10	33.0
9			45	148.5	13	42.9
10			39	128.7	10	33.0
T				1607.1		363.0
$\bar{x}$	6.3		160.7		36.3	

Sertoli Cells: seen

Remarks: tubules in poor condition

No. 8-359 Date VI/62

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	73	240.9	17	56.1
2	3	6.3	37	122.1	16	52.8
3	3	6.3	57	188.1	16	52.8
4			50	165.0	14	46.2
5			49	161.7	12	39.4
6			52	171.6	14	46.2
7						
8						
9						
10						
T			1049.4		293.7	
$\bar{x}$		6.3		174.9		49.0

Sertoli Cells: seen

Remarks: folds in tissue

No. 8-360 Date 11/62

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		37 122.1	4 13.2
2		32 105.6	8 26.4
3		38 125.4	10 33.0
4			
5			
6			
7			
8			
9			
10			
T		353.1	72.6
$\bar{x}$		117.7	24.2

Sertoli Cells: seen

Remarks: tubules separating, giant nucleated cells in accessory "gland", tissue either abnormal or a stage not seen before

No. 8-361 Date 11/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	13	6.3	68	224.4	18	59.4
2	12	4.2	69	227.7	14	46.2
3	13	6.3	60	198.0	15	49.5
4			59	194.7	17	56.1
5			65	214.5	13	42.9
6			57	188.1	16	52.8
7			75	247.5	20	66.0
8			70	231.0	16	52.8
9			61	201.3	15	49.5
10			60	198.0	14	46.2
T		16.8		2125.2		521.4
$\bar{x}$		5.6		212.5		52.1

Sertoli Cells: seen

Remarks:

E = 19.8 μ (3)

No. 8-364 Date 11/62

Spermatogenic Condition b

	Interstitial Cell nuclear diam. (3)	Seminiferous tubule diam. (10)	Seminiferous epith. height
1	3 6.3	49 - 161.7	10 - ~~36~~ 33.0
2	3 6.3	48 158.4	11 36.3
3	3 6.3	36 118.8	11 36.3
4		52 171.6	8 26.4
5		42 138.6	11 36.3
6		30 99.0	10 33.0
7		54 178.2	7 23.1
8		48 158.4	13 42.9
9		46 151.8	10 33.0
10		41 135.3	11 36.3
T		1471.8	336.4
$\bar{x}$	6.3	147.2	33.7

Sertoli Cells: clear

Remarks:

No. 8-365 Date VI/62

Spermatogenic Condition e

	Interstitial Cell nuclear diam. (3)	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	3 6.3	52 171.6	12 - 39.6
2	3 6.3	51 168.3	14 46.2
3	3 6.3	76 250.8	18 59.4
4		52 171.6	16 52.8
5		57 188.1	11 36.3
6		65 214.5	13 42.9
7		100 198.0	14 46.2
8		56 184.8	14 46.2
9		62 204.6	10 33.0
10		51 168.3	17 56.1
T		1920.6	458.7
$\bar{x}$	6.3	192.1	45.9

Sertoli Cells: seen

Remarks:

Es 29.7 μ (3)

No. 8-366 Date VI/61

Spermatogenic Condition

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	49 -	161.7	14 -	46.2
2	3	6.3	50	165.0	11	36.3
3	3	6.3	46	151.8	11	36.3
4			42	138.6	10	33.0
5			47	155.1	11	36.3
6			48	158.4	10	33.0
7			51	168.3	13	42.9
8			48	158.4	10	33.0
9			43	141.9	11	36.3
10			46	157.8	15	49.5
T			471.0		382.8	
$\bar{x}$	6.3		155.1		38.3	

Sertoli Cells: seen

Remarks:

No. 8-367 Date VI/62

Spermatogenic Condition 7

	(3) Interstitial Cell nuclear diam.		(2) Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	36	118.8	9	29.7
2	3	6.3	30	99.0	6	19.8
3	3	6.3	40	132.0	10	33.0
4			35	115.5	9	29.7
5			33	108.9	10	33.0
6			47	155.1	10	33.0
7			39	128.7	10	33.0
8			55	181.5	9	29.7
9			48	158.4	11	36.3
10			52	171.6	5	16.5
T			1369.5		293.7	
$\bar{x}$	6.3		137.0		29.4	

Sertoli Cells: seen

Remarks: large amt interstitial tissue

No. K-371 Date VIII/62

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		17 56.1	
2		18 59.4	
3		16 52.8	
4		16 52.8	
5		15 49.5	
6		14 46.2	
7		21 69.3	
8		15 49.5	
9		17 56.1	
10		16 52.8	
T		44.5	
$\bar{x}$		54.4	

Sertoli Cells: none

Remarks:

No. 8-372 Date VIII/62

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		72.6	
2		66.0	
3		52.8	
4		56.1	
5		59.4	
6			
7			
8			
9			
10			
T		306.9	
$\bar{x}$		61.4	

Sertoli Cells: Rare

Remarks: very small piece

No. 8-373 Date 1/6/63

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	4.2	148.5	62.7
2	6.3	165.0	49.5
3	4.2	148.5	49.5
4		155.1	39.6
5		188.1	56.1
6		204.6	82.5
7		188.1	66.0
8		165.0	52.8
9		221.1	59.4
10		171.6	46.2
T	14.7	1755.6	564.3
$\bar{x}$	4.9	175.6	56.4

Sertoli Cells: seen

Remarks:

No. K-374 Date 11/63

Spermatogenic Condition 10

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	50	165.0	10	33.0
2	3	6.3	49	161.7	17	56.1
3	3	6.3	52	171.6	20	66.0
4			52	171.6	13	42.9
5			60	198.0	19	62.7
6			57	188.1	9	29.7
7			60	198.0	10	33.0
8			61	201.3	15	49.5
9			50	165.0	10	33.0
10			53	174.9	20	66.0
T			1795.2		471.9	
$\bar{x}$	6.3		179.5		47.2	

Sertoli Cells: Seen

Remarks:

No. 8-375 Date 10/63

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	56	184.8	7	23.1
2	3	6.3	59	194.7	15	49.5
3	2	4.2	42	138.6	11	36.3
4			57	188.1	9	29.7
5			52	171.6	7	23.1
6			44	145.2	10	33.0
7			47	155.1	14	46.2
8			50	165.0	14	46.2
9			60	198.0	13	42.9
10			52	171.6	10	33.0
T		16.8		1712.7		363.0
$\bar{x}$		5.3		171.3		36.3

Sertoli Cells: 2 seen

Remarks:

No. S-377 Date 18c/63

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height
1	3	6.3	168	224.4	15 - 49.5
2	3	6.3	153	207.9	21 69.3
3	3	6.3	57	188.1	12 39.6
4			160	198.0	13 42.9
5			164	211.2	17 56.1
6			164	211.2	17 56.1
7			80	204.0	26 55.8
8			85 -	280.5	14 46.2
9			57	188.1	12 39.6
10			161	201.3	19 62.7
T			2174.7		447.8
$\bar{x}$	6.3		217.5		54.8

Sertoli Cells: seen

Remarks:

No. 8-381 Date 4/6/63

Spermatogenic Condition within 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		52 171.6	10 33.0
2		53 174.9	19 62.7
3		53 174.9	15 49.5
4		53 174.9	10 33.0
5		38 125.4	11 36.3
6		35 115.5	9 29.7
7		50 165.0	11 36.3
8			
9			
10			
T		1102.2	280.5
$\bar{x}$		157.4	40.1

Sertoli Cells: clear

Remarks: small piece

No. 8-382 Date 4/6/63

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1		44	145.2	11	36.3
2		37	122.1	8	26.4
3		35	115.5	8	26.4
4		35	115.5	9	29.7
5		37	122.1	13	42.9
6		34	112.2	6	19.8
7		43	141.9	10	33.0
8		33	108.9	6	19.8
9		35	115.5	8	26.4
10		37	122.1	7	23.1
T		1221.0		283.8	
$\bar{x}$		122.1		28.4	

Sertoli Cells: None

Remarks:

No. 8-383 Date V/63

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	4.2	146 - 151.8	8 - 26.4
2	6.3	48 158.4	6 19.8
3	4.2	49 161.7	10 33.0
4		39 128.7	9 29.7
5		50 165.0	15 49.5
6		42 138.6	8 26.4
7		37 122.1	10 33.0
8		45 148.5	9 29.7
9		44 145.2	8 26.4
10		46 151.8	6 19.8
T	14.7	1471.8	293.7
$\bar{x}$	4.9	147.2	29.4

Sertoli Cells: open

Remarks:

No. 8-384 Date V/63

Spermatogenic Condition (2) i

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	6.3	41 - 135.3	6 19.8
2	4.2	51 168.3	9 29.7
3	4.2	55 181.5	9 29.7
4		51 168.3	9 29.7
5		41 135.3	11 36.3
6		43 141.9	9 29.7
7		43 141.9	10 33.0
8		50 165.0	12 39.6
9		41 135.3	9 29.7
10		52 171.6	9 29.7
T	14.7	1544.4	306.9
$\bar{x}$	4.9	154.4	30.7

Sertoli Cells: seen

Remarks: tubules separating

E= 13.2 μ (2)

No. S-385 Date 11/6-3
6

Spermatogenic Condition

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	2	4.2	48	158.4	12	39.6
2	3	6.3	48	158.4	10	33.0
3	2	4.2	49	161.7	19	62.7
4			44	145.2	7	23.1
5			39	128.7	10	33.0
6			47	155.1	10	33.0
7			40	132.0	12	39.6
8			51	168.3	12	39.6
9			42	138.6	6	19.8
10			44	145.2	10	33.0
T	14.7		1491.6		356.4	
$\bar{x}$	4.9		149.2		35.6	

Sertoli Cells: seen

Remarks:

No. 8-384 Date 4/63

Spermatogenic Condition 9-0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		25 82.5	
2		30 99.0	
3		22 72.6	
4		25 82.5	
5		35 115.5	
6		31 102.3	
7		27 89.1	
8		23 75.9	
9		27 89.1	
10		25 82.5	
T		891.0	
$\bar{x}$		89.1	

Sertoli Cells: seen

Remarks: sperm developing in immature animal

No. 8-387 Date V/63

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		145 - 148.5	10 - 33.0
2		43 141.9	11 36.3
3		35 115.5	9 29.7
4		31 102.3	9 29.7
5		34 112.2	12 31.6
6		38 125.4	10 33.0
7		44 145.2	7 23.1
8		36 118.8	8 26.4
9			
10			
T		1009.8	250.8
$\bar{x}$		126.2	31.4

Sertoli Cells: seen

Remarks:

No. 8-389 Date 11/6/63

Spermatogenic Condition of testis

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		145 - 148.5	13 - 42.9
2		147 155.1	11 36.3
3		155 181.5	12 39.6
4		138 125.4	14 46.2
5		141 135.3	11 36.3
6		150 165.0	11 36.3
7		135 115.5	11 36.3
8		152 171.6	13 42.9
9		146 151.8	12 39.6
10		140 132.0	10 33.0
T		1481.7	389.4
$\bar{x}$		148.2	38.9

Sertoli Cells: seen

Remarks:

No. R-390 Date V/63

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	6.3	150 165.0	11 36.3
2	6.3	150 165.0	10 33.0
3	6.3	156 184.8	10 33.0
4		145 148.5	13 42.9
5		151 168.3	15 49.5
6		157 188.1	14 46.2
7		144 145.2	9 29.7
8		158 191.9	12 39.6
9		147 155.1	12 39.6
10		153 174.9	10 33.0
T		1686.3	382.8
$\bar{x}$	6.3	168.6	38.3

Sertoli Cells: seen

Remarks: tubules separating

E = 23 1/μ

No. 8-391 Date VII/63

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	3 6.3	37 122.1	7 - 23.1
2	3 6.3	37 122.1	7 23.1
3	3 6.3	43 141.9	8 26.4
4		44 145.2	9 29.7
5		46 151.8	9 29.7
6		37 122.1	10 33.0
7		31 102.3	8 26.4
8		32 105.6	11 36.3
9		40 132.0	10 33.0
10		48 158.4	9 29.7
T		1303.5	290.4
$\bar{x}$	6.3	130.4	29.0

Sertoli Cells: seen

Remarks:

E = 19.8 μ (4)

R-351

STEEL BACKPLATE

S. E. & M. VERNON, INC.

U. S. A.

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